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FOREWORD

This issue of State Annual Season and Crop Report for the Agricultural year 1997-98 attempts to serve as ready compendium of Agricultural conditions of H. P. State with statistical data on important variables, such as Land use profile, crop-wise irrigated and unirrigated area, source-wise net/gross irrigated area, cropping pattern, production crop-wise, season-wise rainfall data, Farm Harvest Prices. This report also includes Livestock and Agricultural Census data.

I would like to place on record my appreciation for the collective team work done by the Deputy Commissioners, Sub-Divisional Officers (Civil), District Revenue Officers, Tehsildars, Naib-Tehsildars, Field Kanungos and Patwaries, and revenue functionaries whose inputs have gone into bringing this report in present shape. I also record my kudos for the Statistical Assistants of this department posted in the Deputy Commissioner's Offices, associated with this work and have taken responsibility for preparing the district report.

At the State H. Q. the report has been compiled by Shri Arvind Kashyap, Assistant Research Officer, under the supervision of Shri Santosh Raj Sharma and Shri R. R. Sandhu, the Director of Agricultural Census and the Research Officer, respectively.

I hope this publication would prove of immense help to Government offices, Research workers and Planners alike, related with Agricultural activities.

Shimla :

Dated :

Sd/-

(C. P. PANDEY),
*Commissioner (Revenue),
Himachal Pradesh, Shimla-1.*

SUMMARY TABLES

A—Classification of Area

(In hectares)

Heads of classification	1993-94		1994-95		1995-96	
	Area	% to total	Area	% to total	Area	% to total
1	2	3	4	5	6	7
Total Geographical Area :						
By professional Survey	55,67,300	—	55,67,300	—	55,67,300	—
By Village Papers	33,99,887	—	34,02,429	—	33,96,203	—
Classification :						
Forests	10,43,178	31	10,49,039	31	10,56,143	31
Barren and unculturable land	1,47,782	4	1,49,388	4	1,38,153	4
Land put to non-agricultural uses	2,01,744	6	1,98,669	6	1,92,088	6
Permanent pastures and other grazing lands	11,98,300	35	11,93,602	35	12,03,531	35
Land under misc. tree crops and groves not included in net area sown	46,242	1	48,634	1	45,908	1
Culturable waste	1,19,647	4	1,18,126	4	1,23,500	4
Other fallow land	50,232	1	20,695	1	25,816	1
Current fallows	21,018	1	55,938	1	52,622	2
Net area sown	5,71,744	17	5,68,338	17	5,57,742	16
Area sown more than once	4,03,487	12	3,99,352	12	3,92,144	12
Total cropped area	9,75,231	29	9,67,990	28	9,49,886	28

(In hectares)

Heads of classification	1996-97		1997-98	
	Area	% to total	Area	% to total
1	8	9	10	11
Total Geographical Area :				
By Professional Survey	55,67,300	—	55,67,300	—
By Village Papers	41,61,263	—	42,67,196	—
Classification :				
Forests	10,84,633	26	10,86,548	25
Barren and unculturable land	7,15,578	17	7,75,896	18
Land put to non-agricultural uses	2,26,446	5	2,24,791	5
Permanent pastures and other grazing lands	12,90,727	31	13,40,222	31
Land under misc. tree crops and groves not included in net area sown	97,751	2	97,527	2
Culturable waste	1,06,150	3	1,03,942	3
Other fallow land	21,663	1	22,706	1
Current fallows	50,781	1	55,410	1
Net area sown	5,67,534	14	5,60,154	14
Area sown more than once	4,00,683	10	4,26,194	10
Total cropped area	9,68,217	23	9,86,338	23

SUMMARY TABLES—contd.

B—Sources of Water Supply and Area Irrigated therefrom

(In hectares)

	1993-94	1994-95	1995-96	1996-97	1997-98
1	2	3	4	5	6
Government canals—					
Number	—	—	—	6	6
Private canals—					
Number	—	—	—	—	—
Wells or Tubewells—					
Government Number	1,275	1,275	1,629	1,629	1,629
Private Number	179	179	179	432	432
Total ..	1,454	1,454	1,454	2,061	2,061
No. of other wells used for irrigation purposes only	—	—	—	—	—
Government ;					
Masonry	—	—	—	116	116
Non-masonry	—	—	—	—	—
Private ;					
Masonry	2,109	2,109	2,109	531	531
Non-Masonry	—	—	—	181	181
Total ..	2,109	2,109	2,109	828	828
No. of wells used for domestic purposes only	2,865	2,865	2,865	3,034	3,034
No. of wells not in use tanks	179	179	179	619	619
Reservoirs	—	—	—	59	59
With Ayacut 100 hectares or more	14	14	14	266	266
With Ayacut less than 100 hectares	4	4	4	492	492
Total ..	18	18	18	758	758
No. of Oil Engines—	39	39	39	475	475
No. of Kuhl's in use—					
Government Kuhl's	6,420	6,420	6,412	6,412	6,412
Private Kuhl's	10,475	10,475	10,475	10,475	10,475
Total ..	16,895	16,895	16,887	16,887	16,887
No. of lift irrigation schemes—					
Government	243	243	243	243	243
Private	246	246	246	246	246
Total ..	489	489	489	489	489
Net Area irrigated by (in hectares) :					
Govt. Canals	—	3,631	3,393	3,574	3,398
Private Canals	—	—	—	—	—
Govt. Tubewells	2,011	4,046	4,475	5,455	5,444
Private Tubewells	108	3,562	5,269	3,103	3,104
Tanks	122	871	397	325	255

SUMMARY TABLES—contd.

B—Sources of Water Supply and Area Irrigated therefrom—concl'd.

(In hectares)

	1993-94	1994-95	1995-96	1996-97	1997-98
1	2	3	4	5	6
Net Area irrigated by (in hectares)					
Govt. Kuhl's	—	6,595	1,302	10,509	2,108
Private Kuhl's	91,402	75,417	83,793	61,700	81,860
Govt. lift irrigation schemes	1,459	1,838	2,388	2,870	2,743
Private lift irrigation schemes	97	104	425	449	431
Govt. wells	574	649	87	87	87
Private Wells	2,427	3,741	3,251	3,185	3,185
Others (specify)	1,446	—	5	13,535	2
Total ..	99,646	1,00,454	1,04,790	1,04,792	1,02,617
Percentage of net area irrigated to net area sown	17	18	19	18	18
Area irrigated more than once in the same year (in hectares)	71,708	77,384	72,297	74,362	77,807
Total gross irrigated area (in hectares)	1,71,354	1,77,838	1,77,087	1,79,154	1,80,424
Percentage of total gross irrigated area to total gross cropped area	18	19	19	19	18
Number of wells having independent ayacut	—	—	—	—	—
Number of wells supplementing recognised sources of irrigation	—	—	—	—	—
Percentage of area irrigated by wells having independent ayacut to the total area irrigated	—	—	—	—	—

SUMMARY TABLES—contd.

C—Irrigated Area under Crops

(In hectares)

Crops	1993-94	1994-95	1995-96	1996-97	1997-98
1	2	3	4	5	6
1. Food Crops:					
Rice	50,221	50,433	50,156	49,356	50,690
Wheat	67,295	67,304	67,634	68,316	67,606
Jowar or Chojam	—	—	—	—	—
Bajra or cumbu	23	20	71	58	17
Barley	4,141	4,141	4,051	4,211	4,112
Maize	23,608	23,221	24,047	23,570	23,952
Ragi or marua	—	—	—	194	151
Italian Millets	—	—	—	—	—
Kodo or Varagu	—	253	—	22	108
Little millets or Kutki	—	—	—	—	52
Other cereals (specify)	1,651	1,943	1,948	1,674	1,512
Total cereals	1,46,939	1,47,315	1,47,907	1,47,581	1,48,200
Pulses—					
Gram	214	327	216	233	189
Green gram or Moong	5	33	3	3	3
Red gram, Tur or Arhar	54	5	29	32	38
Black gram or Urd (Mash)	920	982	583	785	837
Horse gram	65	192	91	76	105
Masur	176	168	201	203	183
Other pulses (Specify)—					
Khārif	3,384	3,410	3,653	4,264	3,901
Rabi	63	—	—	10	12
Total pulses	4,882	5,117	4,776	5,606	5,268
Total cereals and pulses	1,51,821	1,52,432	1,52,683	1,53,187	1,53,468
Sugar crops—					
Sugarcane	946	913	1,321	1,664	1,543
Fruits and Vegetables—					
Fruits & Fresh Fruits:—					
Apple Bearing trees with No. and Area	1,547	1,475	1,691	1,661	1,659
Non-bearing trees with No. and Area	—	14	290	45	329
Grapes Bearing trees with No. and Area	7	11	13	9	9
Non-bearing trees with No. and Area	—	—	2	—	—

SUMMARY TABLES—contd.

C—Irrigated Area under Crops—contd.

(In hectares)

Crops	1993-94	1994-95	1995-96	1996-97	1997-98
1	2	3	4	5	6
Peaches Bearing trees with No. and Area	26	2	46	2	67
Non-bearing trees with No. and Area	—	2	32	2	—
Plum Bearing trees with No. and Area	188	221	134	249	117
Non-bearing trees with No. and Area	—	2	—	—	5
Lichi Bearing trees with No. and Area	1	69	51	75	110
Non-bearing trees with No. and Area	—	—	—	—	—
Pear Bearing trees with No. and Area	—	11	5	7	11
Non-bearing trees with No. and Area	—	—	—	—	—
Kinnu and Bearing trees with No. and Area	12	531	42	100	472
Orange Non-bearing trees with No. and Area	—	—	—	—	—
Lemon Bearing trees with No. and Area	—	45	14	40	26
Non-bearing trees with No. and Area	—	—	—	—	—
Mango Bearing trees with No. and Area	340	662	970	358	724
Non-bearing trees with No. and Area	—	—	78	18	—
Other (specify) Bearing trees with No. and Area	—	466	276	904	878
Non-bearing trees with No. and Area	908	15	11	19	—
Total fresh fruits Bearing trees with No. and Area	3,029	3,493	3,242	3,405	4,073
Non-bearing trees with No. and Area	—	33	413	84	334
Dry fruits Walnut	10	6	12	5	7
Almonds	85	97	119	96	171
Other dry fruits (specify)	92	111	140	193	89
Total fruits (dry)	187	214	271	294	267
Total fruits (fresh and dry)	3,216	3,740	3,926	3,783	4,674

SUMMARY TABLES—contd.
C—Irrigated Area under Crops—contd.

(In hectares)

Crops	1993-94	1994-95	1995-96	1996-97	1997-98
1	2	3	4	5	6
Vegetables—					
Potatoes	3,035	2,261	1,345	1,434	1,581
Kharif	—	1,776	1,791	2,018	2,167
Rabi					
Total	3,035	4,037	3,136	3,452	3,748
Sweet potatoes	—	24	116	16	—
Onion	486	538	596	583	569
Tomato	1,138	1,321	1,444	1,771	1,781
Lady finger	19	137	161	80	68
Cauliflower and Cabbage	315	339	321	783	436
Other vegetables (specify)—					
Winter	1,216	665	723	1,283	1,080
Summer	824	1,343	739	795	1,243
Total	2,040	2,008	1,462	2,078	2,323
Total vegetables	7,033	8,404	7,236	8,763	8,925
Total fruits and vegetables	10,249	12,144	11,162	12,546	13,599
Condiments and Spices—					
Chillies	194	280	170	222	226
Ginger	679	667	682	723	780
Turmeric	18	37	12	22	18
Garlic	147	231	274	282	256
Coriander	57	68	48	75	94
Other spices	7	19	24	24	19
Total condiments and spices	1,102	1,302	1,210	1,348	1,393
Misc. Food Crops	—	—	2	—	—
Total Food Crops	1,64,118	1,66,791	1,66,378	1,68,745	1,70,003
2. Non-Food Crops :					
Cotton—					
Desi	23	65	30	28	10
American	—	—	—	4	—
Total	23	65	30	32	10
Hemp	—	—	8	26	25
Other fibres	7	10	—	—	—
Total fibres	30	75	38	58	35
Edible Oilseeds—					
Groundnut	14	51	16	40	30
Sesamum	196	237	214	172	218
Rape	50	13	28	52	—
Mustard	753	854	728	687	910
Soyabean	165	329	206	181	185
Others (specify)	131	10	106	108	91
Total	1,309	1,494	1,298	1,240	1,434

SUMMARY TABLES—contd.

C—Irrigated Area under Crops—concl.

(In hectares)

Crops	1993-94	1994-95	1995-96	1996-97	1997-98
1	2	3	4	5	6
Non-Edible Oil—					
Linseed	100	3,094	2,872	2,824	2,678
Taramira	96	97	116	105	68
Others	8	5	18	4	5
Total Non-edible oilseeds	204	3,196	3,006	2,933	2,751
Total Oilseeds	1,513	4,690	4,304	4,173	4,185
Dyes and tanning materials—					
Other dyes and tanning materials specify	—	29	23	3	42
Total	—	29	23	3	42
Drugs and Narcotics—					
Tobacco	25	7	1,325	5	2
Tea	1,240	1,446	—	1,196	1,310
Other (specify)	164	40	164	164	89
Total Drugs and Narcotics	1,429	1,493	1,489	1,365	1,401
Fodder crops—					
Barseam	2,993	3,292	3,282	3,263	3,186
Chari	1,157	1,250	1,232	1,356	1,339
Others	89	204	291	134	150
Total	4,239	4,746	4,805	4,753	4,675
Other Misc. Non-Food Crops	25	14	50	57	83
Total Non-Food Crops	7,236	11,047	10,709	10,409	10,421
Total Food and Non-Food Crops	1,71,354	1,77,833	1,77,087	1,79,154	1,80,424

SUMMARY TABLES—contd.

D—Area under All Crops

(In hectares)

Crops	1993-94	1994-95	1995-96	1996-97	1997-98
1	2	3	4	5	6
Food Crops :					
Paddy/Rice	87,816	82,754	83,021	81,740	86,178
Wheat	3,75,751	3,74,938	3,57,715	3,72,992	3,77,343
Jowar	—	—	—	—	—
Bajra	141	55	139	163	415
Barley	27,587	26,352	26,970	24,587	27,693
Maize	3,04,927	3,08,476	3,09,480	3,07,291	3,11,861
Ragi or Marua	2,826	—	—	4,224	4,719
Italian millets	—	—	—	—	—
Kodo or Varagu	—	—	—	—	—
Little millets or Kutki	—	—	—	—	—
Common millets	16,289	18,562	17,852	12,645	8,089
Other Cereals (specify)—					
Kharif	—	—	181	—	3,262
Rabi	—	—	—	—	—
Total	—	—	181	—	3,262
Total Cereals	8,15,337	8,11,137	7,95,358	8,03,842	8,19,560
Pulses—					
Gram	3,291	3,072	2,138	2,470	2,379
Green gram or moong	130	72	23	55	396
Red gram or Tur	277	288	215	292	1,117
Black gram or Urd (Mash)	17,701	16,903	16,920	16,943	16,472
Peas	5,056	3,771	4,220	4,104	4,589
Horse gram	4,605	4,037	3,411	3,496	3,348
Masur	1,440	1,525	1,381	1,474	1,340
Other pulses (specify)—	—	—	—	—	1,474
Kharif	6,506	6,828	7,731	7,664	5,821
Rabi	484	16	19	18	334
Total	6,990	6,844	7,750	7,682	6,155
Total pulses	39,500	36,512	36,058	36,382	35,930
Total food grains and pulses	8,54,837	8,47,649	8,31,416	8,40,224	8,55,490
Sugar crops—					
Sugarcane	2,381	2,502	3,256	3,891	3,432

SUMMARY TABLES—contd.

D—Area under All Crops—contd.

(In hectares)

Crops	1993-94	1994-95	1995-96	1996-97	1997-98	
1	2	3	4	5	6	
Fresh Fruits—						
Apple	Bearing trees with No. and Area.	31,788	31,324	33,636	34,355	31,423
	Non-bearing trees with No. and Area.	8,147	7,236	5,149	4,881	5,639
Grapes	Bearing trees with No. and Area.	7	11	13	9	15
	Non-bearing trees with No. and Area.	—	—	2	—	—
Peaches/Pears.	Bearing trees with No. and Area.	189	307	404	415	515
	Non-bearing trees with No. and Area.	—	2	7	2	56
Plum	Bearing trees with No. and Area.	2,398	2,081	2,516	2,070	1,700
	Non-Bearing trees with No. and Area.	5	23	71	62	93
Lichi	Bearing trees with No. and Area.	28	72	116	98	142
	Non-bearing trees with No. and Area.	—	—	—	—	—
Kinnu and Orange.	Bearing trees with No. and Area.	1,462	2,271	173	129	1,358
	Non-bearing trees with No. and Area.	—	—	7	21	31
Lemon	Bearing trees with No. and Area.	96	155	82	147	233
	Non-bearing trees with No. and Area.	20	43	37	29	193
Mango	Bearing trees with No. and Area.	1,072	3,201	1,369	1,749	2,041
	Non-bearing trees with No. and Area.	3	32	6	30	76
Other Fresh Fruits.	Bearing trees with No. and Area.	5,235	3,150	2,320	7,515	8,718
	Non-bearing trees with No. and Area.	—	22	78	255	2,271

SUMMARY TABLES—contd.
D—Area under All Crops—contd.

		(In hectares)					
Crops		1993-94	1994-95	1995-96	1996-97	1997-98	
1		2	3	4	5	6	
Total Fresh Fruits.	Bearing trees with No. and Area.	42,275	42,572	40,629	46,487	46,145	
	Non-bearing trees with No. and Area.	8,175	7,358	5,357	5,280	8,359	
Total Fresh Fruit ..		50,450	49,930	45,986	51,767	54,504	
Dry fruits :							
Walnut	Bearing trees with No. and Area.	22	25	29	18	19	
	Non-bearing trees with No. and Area.	—	2	9	—	7	
Almonds	Bearing trees with No. and Area.	324	341	147	336	409	
	Non-bearing trees with No. and Area.	—	18	27	1	61	
Other dry fruits	Bearing trees with No. and Area.	382	592	780	825	488	
	Non-bearing trees with No. and Area.	48	—	53	—	41	
Total dry fruits	Bearing trees with No. and Area.	728	958	956	1,179	916	
	Non-bearing trees with No. and Area.	48	20	89	1	109	
Total fresh and dry fruits	Bearing trees with No. and Area.	43,003	43,530	41,585	47,666	47,061	
	Non-bearing trees with No. and Area.	8,223	7,378	5,446	5,281	8,468	
Total Fruits (Fresh & Dry) ..		51,226	50,908	47,031	52,947	55,529	
Vegetables ; Potatoes	Kharif	12,030	10,881	11,321	9,997	10,777	
	Rabi	2,388	2,326	2,329	2,815	4,095	
Total ..		14,418	13,207	13,650	12,812	14,872	
Other Vegetables	Brinjal	16	40	38	66	35	
	Sweet Potatoes	2	317	772	387	51	
	Onion	759	802	810	790	760	
	Tomato	2,272	2,548	2,856	3,714	3,556	
	Lady finger	98	304	269	147	121	
	Cauliflower and Cabbage	1,197	1,517	1,542	1,891	2,658	
	Winter	7,345	7,747	7,993	10,828	8,852	
	Summer	1,808	1,342	2,026	1,955	2,840	
	Total others ..		9,153	9,089	10,019	12,783	11,692
	Total vegetables ..		27,915	27,824	29,956	32,590	33,745
Total Fruits & Vegetables ..		79,141	78,732	76,987	85,537	89,274	

SUMMARY TABLES—contd.
D—Area under All Crops—contd.

		(In hectares)				
Crops		1993-94	1994-95	1995-96	1996-97	1997-98
1		2	3	4	5	6
Condiments and spices—						
Chillies		897	1,055	846	1,188	1,095
Ginger		1,435	1,342	1,376	1,414	1,538
Turmeric		68	105	61	85	79
Garlic		324	430	492	694	621
Coriander		255	322	301	386	416
Other condiments and spices ..		25	60	56	67	69
Total condiments and spices. ..		3,004	3,314	3,132	3,834	3,818
Other Misc. Food Crop		3	—	—	—	—
Total Food crops ..		9,39,366	9,32,197	9,14,791	9,33,486	9,52,014
Fibres—						
Cotton :						
Desi		148	138	95	68	85
American		1	4	—	214	—
Total		149	142	95	282	85
Hemp		195	126	92	92	57
Other fibres (Specify)		3	2	1	—	31
Total fibres ..		347	270	188	374	173
Edible Oilseeds—						
Groundnut		394	361	376	398	297
Sesamum		6,676	6,116	6,004	5,364	5,017
Rape		84	11	34	1,087	7
Mustard		8,932	8,685	8,407	7,562	9,386
Soyabean		764	593	523	540	570
Other edible oilseeds		2,002	2,004	1,889	194	195
Total Edible oilseeds ..		18,852	17,770	17,233	15,145	15,472
Non-edible oilseeds—						
Linseed		3,561	3,661	3,350	3,298	2,999
Taramira		—	—	—	1,718	1,653
Other non-edible oilseeds (specify)		47	1	201	108	34
Total non-edible oilseeds ..		3,608	3,662	3,551	5,124	4,686
Total oil seeds ..		22,460	21,432	20,784	20,269	20,158
Dyes and Tanning materials—						
Other dyes and tanning materials (specify) ..		—	32	33	27	46
Total dyes and tanning material. ..		—	32	33	27	46
Rubber						
Drugs and Narcotics—						
Tobacco		70	96	2,821	45	105
Tea		3,262	3,215	459	3,011	3,258
Other drugs and narcotics (specify)		358	454	404	420	387
Total drugs and narcotics ..		3,690	3,765	3,684	3,476	3,690

SUMMARY TABLES—contd.

D—Area under All Crops—concl'd.

(in hectares)

Crops	1993-94	1994-95	1995-96	1996-97	1997-98
1	2	3	4	5	6
Fodder Crops—					
Barseem	4,975	4,879	4,791	4,900	4,894
Chari	4,630	4,660	4,681	5,048	4,449
Other (specify)	33	715	835	537	796
Total	9,638	10,254	10,307	10,485	10,139
Other Misc. non-food crops	30	40	99	100	118
Total non-food crops	35,865	35,793	35,095	34,731	34,324
Gross cropped area—					
Kharif :					
Food crops	5,13,647	5,10,210	5,05,582	5,11,281	5,15,793
Non-food crops	17,704	18,704	11,854	15,510	14,667
Rabi :					
Food crops	4,25,719	4,21,987	4,09,209	4,22,205	4,36,221
Non-food crops	8,151	17,089	23,241	19,221	19,657
Total food crops	9,39,366	9,32,197	9,14,791	9,33,486	9,52,014
Total non-food crops	35,865	35,793	35,095	34,731	34,324
Grand Total	9,75,231	9,67,990	9,49,886	9,68,217	9,86,338
Area cropped more than once.	5,71,744	5,68,338	5,57,742	5,77,534	5,60,154
Net cropped area	5,71,744	5,68,338	5,57,742	5,67,534	5,60,154
Cropped area of forecast crops—					
Failed	—	—	—	—	—
Matured	—	—	—	—	—
Total gross un-adjusted area under various mixtures.	—	—	—	—	—

SUMMARY

Crops	<i>E—Average Yield per hect.</i>			
	1993-94		1994-95	
	Average yield	Total outturn	Average yield	Total outturn
1	2	3	4	5
Food Crops—				
Rice	1,238	1,08,311	1,394	1,11,816
Wheat	1,103	4,15,176	1,625	5,86,533
Jowar	—	—	—	—
Bajra or Cumbu	—	—	—	30
Barley	1,202	33,126	1,295	35,061
Maize	2,129	6,43,192	2,622	6,32,914
Ragi or Marua	748	2,116	—	—
Italian Millets	—	—	—	—
Kodo or Varagu	—	—	—	—
Common & little millets	342	5,572	808	11,246
Total cereals ..	—	12,07,493	—	13,77,603
Pulses—				
Gram	419	1,378	409	1,256
Peas	—	1,960	921	3,472
Green gram or Mung	369	48	264	19
Red gram, Tur or Arhar	180	50	288	83
Black gram (Urd) Mash	291	5,159	343	5,875
Horse gram (Kulth)	229	1,056	307	1,238
Masur	199	287	356	543
Other pulses (specify)	247	1,736	—	2,849
Total Pulses ..	—	11,659	—	15,335
Total foodgrains ..	—	12,19,152	—	13,92,938
Spices—				
Ginger	329	473	485	649
Turmeric	176	12	381	40
Cardamom	—	—	—	—
Chillies	177	159	242	256
Zeera	—	—	—	—
Garlic	—	424	—	226
Coriander	—	—	—	—
Other Condiments and spices (specify)	—	—	—	—
Total Condiments and spices ..	—	1,068	—	1,191

Condition of the Crops and the total outturn of Crops (MT)

1995-96		1996-97		1997-98	
Average yield	Total outturn	Average yield	Total outturn	Average yield	Total outturn
6	7	8	9	10	11
1,346	1,11,759	1,328	1,08,624	1,397	1,20,444
1,403	5,02,001	1,505	5,61,859	1,699	6,41,305
—	—	—	—	—	—
86	12	553	112	553	229
1,269	34,216	1,343	33,040	1,492	41,335
2,146	6,63,437	1,918	5,89,439	1,990	6,20,684
—	—	—	—	—	—
—	—	—	—	—	—
—	—	—	—	—	—
346	6,254	444	10,385	458	10,074
—	13,17,679	—	13,03,459	—	14,34,071
787	1,682	787	2,252	798	2,369
1,871	7,896	2,053	9,629	1,894	10,812
215	5	391	20	1,612	151
232	50	278	29	274	218
275	4,604	508	7,053	490	6,157
184	626	366	1,194	405	1,360
362	500	553	411	479	459
—	3,248	391	2,300	557	4,191
—	18,611	—	22,888	—	25,717
—	13,36,290	—	13,26,347	—	14,59,788
485	667	1,526	2,373	1,491	2,590
426	26	610	53	633	52
—	—	—	—	—	—
120	102	276	361	269	346
—	—	—	—	—	—
—	—	10,941	825	1,151	742
—	47	289	111	317	243
—	499	—	—	—	—
—	1,341	—	3,723	—	3,973

SUMMARY

E—Average yield per hect.

Crops	1993-94	
	Average yield	Total outturn
1	2	3
Fruits—		
Apple	—	—
Mango	—	—
Orange	—	—
Peaches	—	—
Pears	—	—
Lichi	—	—
Plum	—	—
Lemon	—	—
Chilgoza	—	—
Almonds	—	—
Total Fruits	—	—
Vegetables—		
Potato	—	—
Tomato	1,222	1,69,352
Cauliflower and Cabbage	—	—
Brinjal	—	—
Lady finger	—	—
Other Vegetables	—	1,475
Total Vegetables	—	1,70,827
Sugarcane	1,098	2,614
Total food crops	—	13,93,660
Non-food Crops—		
Sesamum	—	—
Groundnut	1,068	421
Rape	237	1,583
Mustard	—	—
Linseed	138	1,236
Taramira	338	1,204
Soyabean	—	838
Sunflower	330	252
Tobacco	—	—
Tea	342	24
Indian Hemp	—	—
San Hemp	—	—
Cotton—		
Desi	—	—
American	—	45
Total Non-food Crops	—	5,687
Total Food and Non-food Crops	—	13,99,437

TABLES—contd.

Condition of the Crops and the total outturn of Crops, MT—concl'd.

1994-95		1995-96		1996-97		1997-98	
Average yield	Total outturn	Average yield	Total outturn	Average yield	Total outturn	Average yield	Total outturn
4	5	6	7	8	9	10	11
—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—
4,775	1,25,462	8,531	1,17,674	11,145	1,49,416	8,458	1,22,653
—	3,246	—	3,179	—	—	—	—
—	1,343	—	5,102	—	—	—	—
—	—	—	—	—	—	—	—
—	744	—	1,944	—	—	—	—
—	1,30,795	—	1,27,899	—	1,49,446	—	1,22,653
—	12,436	—	15,908	5,024	15,343	5,257	15,300
—	15,37,360	—	14,81,438	—	14,94,829	—	16,01,714
Grandly → 494	→ 3,39	—	114	433	3,161	435	2,675
Seam → 256	1,569	254	1,523	720	454	684	350
363	4	147	5	—	—	—	—
460	4,000	430	3,620	709	4,040	720	4,860
342	1,254	373	1,249	259	832	616	774
220	382	580	1,081	534	1,084	538	1,083
—	612	—	80	1,344	851	1,341	712
—	—	—	—	—	—	—	—
979	94	1,144	3,228	1,323	50	1,438	48
—	804	—	695	—	—	—	—
—	2,315	—	1,057	—	—	—	—
—	—	—	—	—	—	—	—
—	↑ 51	—	↑ 36	498	123	549	45
—	—	—	—	—	—	—	—
—	11,451	—	12,688	—	10,595	—	10,457
—	15,48,811	—	14,94,126	—	15,05,424	—	16,12,261

EXPLANATORY NOTE

SEASON AND CROP REPORT

18.11. This should be a comprehensive report of the main agricultural features of the year and should explain and comment upon the figures given in the main tables. In this note all topics on which tables are given in the Report should be covered one by one and discussed with reference to the conditions prevailing in the year as compared to the conditions prevailing in the previous years. The heading and a brief outline of each item to be covered is given below:—

- I. **Introduction.**—(i) General characteristics of the year to which the Report relates,
 - (ii) the geographical area,
 - (iii) total number of villages,
 - (iv) extent of reporting and non-reporting areas, etc.
- II. **Rainfall.**—(i) One paragraph on each of the main rainfall seasons of the State,
 - (ii) rainfall and other weather conditions in the different regions of the State, their effects on the different agricultural operations—especially on the area sown, growth and yield of the crops,
 - (iii) any damage caused to the crops.
- III. **Classification of Area.**—(i) Utilization of land during the year, any marked departures from the normals and their causes.
- IV. **Irrigation.**—(i) Sources of Irrigation, any additions during the year,
 - (ii) area irrigated—total, crop-wise and source-wise any departures from normals,
 - (iii) proportion of irrigated area to total sown area.
- V. **Crop acreages.**—(i) Total area sown as compared with normal,
 - (ii) total area under different crops, their comparison with normals,
 - (iii) any other changes in crop acreages,
 - (iv) any increase in area sown due to new reclamations or use of improved methods of classification.
- VI. **Yield per hectare of crops.**—(i) The normal yields,
 - (ii) the condition factor.

- (iii) causes affecting favourably or adversely on the yields of different crops,
- (iv) any increase in yield per hectare due to use of improved seeds or fertilizers.
- VII. **Total outturn of crops.**—(i) The total production of different crops compared to normals, causes for significant departures.
- VIII. **Farm prices.**—(i) Important change in the farm prices due to:
- (a) Change in the total out-turn of the crop,
 - (b) Change in the general price level.
- (ii) general comments on the level of agricultural prices,
- (iii) value of agricultural produce.
- IX. **Agricultural wages.**—(i) The general trend of agricultural wages during the year,
- (ii) scarcity or abundance of labour,
 - (iii) number of working hours.
- X. **Livestock, Poultry, Agricultural Machinery and Implements.**—
- (i) Diseases affecting livestock and poultry and their mortality during the year,
 - (ii) steps taken to check the livestock diseases,
 - (iii) any development work done in this direction.
- XI. **Conclusions.**—(i) General condition of the agriculturist during the year,
- (ii) any legislative measures taken to ameliorate the condition of agriculturist or agricultural labour,
 - (iii) any remission in land revenue or other concessions,
 - (iv) any other important point.

The explanations regarding the tables that follow are given towards the end of the Report,

This Report may be supplemented by necessary graphs, charts, diagrams and maps representing the main statistics given in the Tables.

Location of Himachal Pradesh, as its name suggests, lies in the Himalayan ranges. The terrain varies as one moves from South to North and from West to East. Due to its varying altitudes, the climate also varies from mild to cold. Another factor which also changes the climate from place to place is that the five major rivers flow through this state, viz., Beas in Kullu, Mandi and Kangra, Satluj in Kinnaur, Shimla and Bilaspur, the river Ravi is passing through Chamba and the river Yamuna having its major tributaries in Districts Shimla and Sirmaur. The fifth river Chenab flows through the district of Lahaul-Spiti and some parts of Chamba district.

All these factors and geographical locations of the state provide suitable climate and varying agro-climatic zones for growing horticultural and off-season vegetables which will certainly change the economic standards of rural people in the times to come.

The area of the state can be geographically divided into the following five categories of zones:—

(i) *Valleys upto an elevation of 1000 Metres:*

These are fertile lands and can be subjected to intensive cultivation.

(ii) *Low Hills:*

These have an altitude of 1000 metres to 2000 metres above the sea level and these lands are suitable for horticulture crops.

(iii) *High Hills:*

These are lies between 2,000 metres and 3,500 metres above the mean sea level and are sparsely populated. They are good for raising forests.

(iv) *Alpine Zones:*

Above 3500 metres. These zones are good for grazing.

(v) *The Land of Snows:*

Without vegetation.

PRECIPITATION AND ITS SPREAD:

Land use profile (Table-II) is preceded by detailed season-wise information on rainfall statistics for the year 1997-98. It is a fact that precipitation is most important input next only for the germination of crops seed but also for its subsequent growth and maturity. The quantum of rainfall and proper distribution are the most crucial variables for a State like Himachal Pradesh where the development of irrigation infrastructure is severally restricted by its topography. The extent of assured area irrigated during the year under review is 18.3 per cent

of the total cropped area rainfed and 81.7 per cent area is still unirrigated. The following considerations are also important while talking about the concept of assured irrigation:—

1. The dominant share of net irrigated area is attributable to the common source of irrigation viz., Kuhl, which is nearly 69.0%. These Kuhl are water channels led from the source of water to the fields.
2. The production of crops depends upon the quantum of timely rainfall and its proper distribution during the crop seasons. The distribution of rainfall is indicated by the number of rainy days shown against each district in Table-I of the Report.

CLASSIFICATION OF AREA UNDER LAND UTILIZATION:

Land use classification is the systematic arrangement of various types of available land on the basis of certain defined characteristics, mainly to identify and understand their fundamental utility. Thus land must be carefully preserved & utilized so that it may fulfil our multifarious requirements. The Table-II (Detailed Tables) of this report reveals the district-wise land use profile of the State. The total geographical area of the State according to Surveyor General of India is 55,67,300 hectares or 55,673 sq. kms. In comparison to this geographical area, the total cadastrally surveyed area by village papers in the state during the year under review comes to 42,67,196 hectares revealing thereby that 13,00,104 hectares of area is unsurveyed and is not appearing in revenue records. The magnitude of such area in the aforesaid year was 23.3 per cent of the total geographical area, a major part of which falls into the District of Kinnaur and Kullu. The accompanying Table-I depicts the break-up of the reporting area during the year 1997-98 *vis-a-vis*, the preceding year 1996-97.

TABLE-I.—Classification of Reporting Area 1997-98 and 1996-97 :

Sl. No.	Category	1996-97		1997-98	
		Area 3	% 4	Area 5	% 6
1.	Forests	10,84,633	26	10,86,548	25
2.	Barren & Unculturable land	7,15,578	17	7,75,896	18
3.	Land put to non-agricultural uses	2,26,446	5	2,24,791	5
4.	Permanent pastures and other grazing lands	12,90,427	31	13,40,222	31
5.	Land under misc. crops and groves not included in area sown	97,751	2	97,527	2
6.	Culturable Waste	1,06,150	3	1,03,942	3

	1	2	3	4	5	6
7. Other fallow lands			21,663	1	22,706	1
8. Current fallow land			50,781	1	55,410	1
9. Net Area sown			5,67,534	14	5,60,154	14
10. Total Reporting Area by Village papers (1 to 9)			41,61,263	100	42,67,196	100
11. Total cropped area			9,68,217	23	9,86,338	23
12. Area sown more than once			4,00,683	10	4,26,184	10

I. FORESTS:

All actually forested area on lands classed or administered as forests, covered by any legal enactment dealing with forests, whether State owned or private and whether wooded or maintained as potential forest land, comes under the category of "forests".

If any portion of private forest land is not actually wooded but is put to some agricultural uses then that portion of land shall be included under the appropriate heading of cultivated or uncultivated land. However, this will not apply to the state owned forests.

A glance at Table-I shows that the area under this category has increased this time to 1,915 hectares as compared to last year. Area under forest is 10,86,548 hectares during the year 1997-1998 as against 10,84,633 during the year 1996-97. This accounts for 25% of the total area.

II. BARREN AND UNCULTURABLE :

This category of land-use classification includes all barren and unculturable lands like mountains, deserts etc., which cannot be brought under cultivation except at an exorbitant cost. These land can lie in isolated blocks or may lie within cultivable holdings.

This account for only 18 per cent of the total reporting area during the year under report and reasons for this huge increase in the area is due to settlement operations and actual figures are now taking their own shape. In absolute terms it is 7,75,896 hectares.

III. LAND PUT TO NON-AGRICULTURAL USES:

As the names suggests, this category includes all lands which are put to uses other than agricultural viz. lands occupied by buildings, roads, railways, rivers and canal etc.

During the year under review, the total area under this category accounted for 5 per cent of the total reported area. In absolute terms, the total area under the category is 2,24,791 hectares during 1997-98 as against 2,26,446 hectares for 1996-97.

IV. PERMANENT PASTURES AND OTHER GRAZING LANDS :

This includes all grazing lands whether they are permanent pastures or not. The village common grazing lands are also included under this head. The land under this category forms the largest chunk of the reporting area and is 31 per cent. In absolute terms such area is to the extent of 13,40,222 hectares during 1997-98 as against 12,90,727 hectares during 1996-97. The upward land trend under this category is attributable to the ongoing settlement operations in the state.

V. LAND UNDER MISC. TREE CROPS AND GROVES NOT INCLUDED IN NET AREA SOWN:

This includes all such land which is not included in Net Area sown but it is put to some Agricultural uses. It includes the land under misc. tree etc. i. e. land under casurina tree, thatching grasses, bamboo bushes and other groves for fodder/fuel purposes. The area under this head is 97,527 hectares which is only 2% of the reporting area during the year under review.

VI. NET AREA SOWN :

This represents the net area sown under crops orchards, counting area sown more than once only once in the same year.

The net area sown during the year 1997-98 was 5,60,154 hectares as against 5,67,534 hectares during the year 1996-97. It constituted 14 per cent of the reporting area during the year under report.

VII. TOTAL CROPPED AREA :

It is sum total of all areas sown under all crops during the year under review, treating "areas sown more than once" separately for each crop. This area during the year 1997-98 was 9,86,338 hectares as against 9,68,217 hectares during the year 1996-97.

VIII. CULTURABLE WASTE LANDS :

This comprises of all lands available for cultivation whether taken up for cultivation or abandoned after a few years for one reason or the other. Such lands may be either fallow or covered with shrubs or jungles, which are not put to any use. They may be assessed or unassessed and may lie in isolated blocks or within cultivated holdings. Land once cultivated but not cultivated for five years or more in succession shall be included under this head. The land under this category forms 3% of the total reporting area. The area during the year under report was 1,03,942 as against 1,06,150 in the year 1996-97.

IX. OTHER FALLOW LANDS :

This includes all lands which were taken up for cultivation but are temporarily out of cultivation for a period of not less than one year

or not more than five years. The reason for keeping such land fallow may be one of the following:—

- I. Poverty of Cultivator.
- II. Inadequate supply of water.
- III. Unfavourable weather conditions.
- IV. Silting of Canals and rivers.
- V. Unremunerative nature of farming.

Such lands are also classified as "Banjar Jadid" in the parlance of the Revenue Department. The extent of such lands during the year 1997-98 is only 1 per cent of the total reporting area.

X. CURRENT FALLOWS:

This represents cropped areas which are kept fallow during the current year. For example, if any seeding area is not cropped again in the same year, it may be treated as current fallows. The land under this category also forms 1 per cent of the total reporting area for the year, 1997-98. There is increase of 4629 hectares under this category of land as compared to the last year

INTENSITY OF CROPPING:

Intensity of cropping means the index of intensive cultivation and is expressed as a ratio of gross area sown to net area sown. It is conveniently expressed as percentage and is calculated as under:—

$$R = \frac{\text{Gross Cropped Area}}{\text{Net area sown}} \times 100$$

Table-II depicts the said ratio district-wise for the year 1997-98 and for the State it is 176.0 per cent. The District-wise position is also given hereunder.

TABLE-II—DISTRICT-WISE INTENSITY OF CROPPING FOR THE YEAR 1996-97 VIS-A-VIS 1997-98

Sl. No.	Name of District	Year 1996-97			Year 1997-98		
		Net Area sown	Total cropped area	Intensity	Net area sown	Total cropped area	Intensity
1	2	3	4	5	6	7	8
1.	Bilaspur	31,140	59,568	191.3	30,771	59,351	192.8
2.	Chamba	42,248	59,493	140.8	42,387	65,337	156.5
3.	Hamirpur	37,118	70,802	190.7	86,418	71,654	196.7
4.	Kangra	1,19,318	2,18,068	182.7	1,19,058	2,22,580	186.9
5.	Kinnaur	7,537	9,480	125.8	7,602	9,970	131.1

1	2	3	4	5	6	7	8
6. Kullu		36,796	65,337	177.6	36,603	63,108	172.4
7. Lahaul & Spiti		3,218	3,361	104.4	3,238	3,318	102.4
8. Mandi		93,882	1,62,044	172.6	91,127	1,63,669	179.6
9. Shimla		72,719	1,05,164	144.6	71,089	1,07,065	150.6
10. Sirmaur		42,442	77,730	183.1	42,201	78,437	185.8
11. Solan		40,472	64,281	158.8	39,438	65,666	166.5
12. Una		40,464	72,889	179.3	40,252	75,183	186.7
Total (H. P.) ..		56,753	9,68,217	170.6	5,60,154	9,86,338	176.0

TABLE-III—CROPPING INTENSITY DURING THE LAST FIVE YEARS.

INTENSITY OF CROPPING

Sl. No.	Name of District	Year 1993-94	Year 1994-95	Year 1995-96	Year 1996-97	Year 1997-98
1	2	3	4	5	6	7
1.	Bilaspur	190.0	186.8	193.0	191.3	192.8
2.	Chamba	154.5	151.4	158.9	140.8	156.5
3.	Hamirpur	192.2	195.5	194.8	190.7	196.7
4.	Kangra	182.3	180.4	180.5	182.7	186.9
5.	Kinnaur	127.1	122.1	131.2	125.8	131.1
6.	Kullu	156.5	162.6	157.7	177.6	172.4
7.	Lahaul-Spiti	104.8	104.4	103.6	104.4	102.4
8.	Mandi	172.8	173.3	171.9	172.6	179.6
9.	Shimla	151.3	143.3	146.0	144.6	150.6
10.	Sirmaur	185.1	188.8	183.0	183.1	185.8
11.	Solan	166.4	168.1	161.7	158.8	166.5
12.	Una	162.2	170.4	174.1	179.3	186.7
H. P. State average ..		171.1	170.3	171.8	170.6	176.0

Table-II reveals that ratio of cropping intensity was highest in Hamirpur district i. e. 196.7% for the year 1997-98. Similar trend can be seen in Table-III, during the last 5 years except for year 1996-97 as Hamirpur district was at the top. The cropping intensity was lowest in tribal District of Lahaul & Spiti (102.4 %). The logical conclusions emerge from Table-II and Table-III as follows:—

- (i) Comparatively, the cropping intensity is greater in low lying areas as compared to higher altitude areas because low lying areas can be subjected to more intensive tillage cultivation.

- (ii) The ratio of cropping intensity is low in Tribal district of H. P., namely Lahaul & Spiti 102.4 and Kinnaur, 131.1 districts. The reasons for low intensity can be attributed to these districts that these districts are single cropped zones and not viable for repeated cropping owing to mountainous and snow bound areas, mostly for 5 to 6 months. Besides, the intensity of cropping also being influenced by snow bound conditions and other factors, such as irrigation infrastructures, agro climatic conditions and source of finance of the farmers at the time of sowing and harvesting season.

IRRIGATION INTENSITY :

The idea of irrigation intensity is analogous to cropping Intensity and symbolizes as follows:—

$$R = \frac{\text{Gross Irrigated Area}}{\text{Net Area Irrigated}} \times 100$$

The Table-IV exhibits the ratio of irrigation intensity for the State as (175.8). It can also be seen from the Table that it is highest in District Shimla 255.6, followed by District Kangra 205.6%, Hamirpur 193.5%, Mandi 187.6%, Sirmaur 185.4%, Bilaspur 181.5%, Una 159.1%, Solan 143.2%, Kinnaur 135.3%, Chamba 114.6%, Kullu and L&S 100.0% each.

The scope for the increase in irrigation intensity is limited due to hilly terrain of the State, but promising system such as conserving the water through watershed schemes. Drip and sprinkler irrigation is being introduced by the Government so as to increase the extent of irrigation intensity. These new systems can be harnessed by the growers to improve the agricultural practices and individual economy.

TABLE-IV—DISTRICT-WISE IRRIGATION INTENSITY FOR THE YEAR.

Sl. No.	Name of District	Year 1996-97			Year 1997-98		
		Net irrigated area	Gross irrigated area	Inten-sity %age	Net irrigated area	Gross irrigated area	Intensity %age
1	2	3	4	5	6	7	8
1.	Bilaspur	3,164	5,856	185.0	3,164	5,744	181.5
2.	Chamba	6,165	7,021	113.9	6,165	7,067	114.6
3.	Hamirpur	1,766	3,362	190.4	1,790	3,464	193.5
4.	Kangra	32,194	64,754	201.1	32,194	66,218	205.6
5.	Kinnaur	4,337	5,728	132.1	4,335	5,869	135.3
6.	Kullu	2,690	2,690	100.0	2,502	2,502	100.0
7.	Lahaul-Spiti	3,208	3,355	104.6	3,318	3,318	100.0
8.	Mandi	13,732	25,170	183.3	13,139	24,654	187.6

1	2	3	4	5	6	7	8
9. Shimla		4,012	6,148	153.2	2,509	6,415	255.6
10. Sirmaur		1,4072	25,924	184.2	14,119	26,180	185.4
11. Solan		11,620	16,775	144.4	11,620	16,642	143.2
12. Una		7,832	12,371	157.9	7,762	12,351	159.1
H. P. State	..	1,04,792	1,79,154	171.0	102,617	1,80,124	175.8

PRODUCTIVITY OF CROPS :

Productivity or yield per unit hectare is one of the major indicator of production possibilities, two types of methods are currently practised in determining the production per hectare of crops in the State.

(i) Random Sampling Method to estimate the yield per hectare in respect of five major crops viz. Maize, Paddy, Wheat, Barley and Potato is being applied in the State. The crop cutting experiments by random sampling method are being conducted jointly by the fields staff of Revenue and of Agricultural Department. The results of crop-cutting experiments so obtained are being used to estimate the yield rates and production thereof.

(ii) The productivity in respect of all remaining crops is being estimated on the basis of crop cutting experiment by traditional methods or Annawari method. These experiments at the field level are also being conducted jointly by the Dept. of Rev. & Agri. The yield/hectare in respect of four major crops for the year 1996-97 *vis-a-vis* 1997-98 is tabulated in Table-V is as under:—

TABLE-V—PRODUCTIVITY OF FIVE MAJOR CROPS.

Sl. No.	Name of crops	Yields/hectare in kg. 1996-97	Yield hectare in kg. 1997-98
1	2	3	4
1.	Maize	1,918	1,990
2.	Paddy	1,329	1,398
3.	Wheat	1,506	1,699
4.	Barley	1,344	1,493
5.	Potato	11,145	8,458

CROPPING PATTERN :

The Table-VI shows the crop-wise % distribution of total cropped area, i. e. area sown under food and non-food crops This table also

indicates total out put for the 1997-98 against the preceding year 1996-97. An analytical study of this table gives following results:

- (i) As usual it shows that the economy of the State is Agricultural based and majority of the population is surviving on the agricultural out-put, 96% of the total area shown under all crops is covered by food crops and 3.5% by non-food crops. The food crops constitutes 99.3 per cent & non food about 0.7% of the total out-turn of the crops grown.
- (ii) Under food crops, it is the cereal crops viz. Wheat, Barley, Maize, Paddy and other cereals which accounts for major share of area as well as production of the crops sown. The cereal crops contribute 83 per cent of the total cropped area and 88.9 per cent to the total output. Keeping in mind the peculiar physical & agroclimatic conditions of the State, the scope to bring more area under cultivation is severely limited and available land is exhaustively used for raising cereal crops for the purpose of self-subsistency of the rural masses.
- (iii) A look at pulses crops would reveal that area under these crops is just 3.6 per cent of the total cropped area with corresponding share 1.6 per cent in total production.
- (iv) The only shift in area, if any is clearly visible in respect of area under horticultural crops. The total area under fruit and vegetables during the year 1997-98 aggregates 9.0 per cent of total cropped area. The vegetables crops account for 7.6 per cent of the total output. It is mentioned here that methodology for estimating production under fruit crops in the State is yet to be finalized and for this reason production statistics for such crops have not been included in the tabular data of Table-IV of the report.
- (v) The total output for the year 1997-98 i.e. 16.12 lacs metric tonnes which is higher as compared to corresponding figures of 15.05 lacs metric tonnes for the year 1996-97. This is due to increase in the total cropped area in absolute terms and favourable weather conditions.
- (vi) The present production estimates do not depict the output statistics of fruit and some vegetable crops & one has to concede that over all production estimates do not give actual position of crop production. However, this department is presently involved in implementing a Centrally Sponsored Scheme on fruit and vegetables so that a comprehensive survey on area and production of fruit and vegetable is completed at the earliest and such production and estimates are subsequently generated.
- (vii) Of late, the State is making a headway in augmenting area under the crops of Apple, Potato, Gingers, Peas, Hops and Kuth, Cabbage etc. Though the scope for increasing area under these crop is limited yet in view of their cash earning potential, it is hoped that these crops are bound to induce some welcome change in the economic position of peasantry class.

TABLE VI—PERCENTAGE OF DISTRIBUTION OF AREA AND OUT-PUT FOR THE YEARS 1996-97 AND 1997-98

Sl. No.	Name of Crop	1996-97				1997-98			
		Area in hectare	%age	Output in mts.	%age	Area in hectares	%age	Output in mts.	%age
1	2	3	4	5	6	7	8	9	10
1.	Maize	3,07,291	31.7	5,89,439	39.2	3,11,861	31.6	6,20,684	38.5
2.	Paddy	81,740	8.4	1,08,624	7.2	86,178	8.7	1,20,444	7.5
3.	Wheat	3,72,992	38.5	5,61,859	37.3	3,77,343	38.2	6,41,305	39.7
4.	Barley	24,587	2.6	33,040	2.2	27,693	2.8	41,335	2.6
5.	Other Cereals	17,069	1.8	10,497	0.7	16,485	1.7	10,303	0.6
6.	Total cereals (1 to 5)	8,03,842	83.0	13,03,459	86.6	8,19,560	83.0	14,34,071	88.9
7.	Total Pulses	36,382	3.8	22,888	1.5	35,930	3.6	25,717	1.6
8.	Total food grains	8,40,224	86.8	13,26,347	88.1	8,55,490	86.8	14,59,788	90.5
9.	Total Fruits.	52,947	5.5	—	—	55,529	5.6	—	—
10.	Total Vegetables.	32,590	3.4	1,51,842 (Potato only)	10.1	33,745	3.4	1,22,653 (Potato only)	7.6
11.	Other Food Crops.	7,725	0.7	16,640	1.1	7,250	0.7	19,273	1.2
12.	Total Food Crops.	9,33,486	96.4	14,94,829	99.3	9,52,014	96.5	16,01,714	99.3
13.	Total Non-food Crops.	34,731	3.6	10,595	0.7	34,324	3.5	10,547	0.7
14.	Total Food & Non-food Crops.	9,68,217	100.0	15,05,424	100.0	9,86,338	100.0	16,12,261	100.0

FARM HARVEST PRICES :

The data appended in Table-VII given below provides a comparative position of farm harvest prices for the year 1997-98 as against the preceding year 1996-97. The Farm Harvest Prices indicate the wholesale price/quintal of the produce at the farm site which is exclusive of transport and other cartage costs etc. It is defined as the average wholesale price at the village site during the specified harvest period and is arrived at on the basis of prevalent prices at the pre-selected centres.

Table-VII—Farm Harvest Prices of Major crops for the year 1996-97 & 1997-98.

(Farm Harvest Prices/Quintal)

Sl. No.	Crop	1996-97	1997-98
1.	Paddy	548	529
2.	Maize	453	484
3.	Wheat	508	539
4.	Barley	470	507
5.	Gram	1432	1612
6.	Groundnut	1867	1900
7.	Rapeseed-Mustard	1510	1890

AGRICULTURAL WAGES :

The accompanying Table-VIII indicates the position of agricultural wages per day in respect of skilled and un-skilled workers for the year 1996-97 and 1997-98. The data appearing in the Table exhibits the position of the State, as a whole.

Table-VIII—Agricultural wages/days for the year 1996-97 and 1997-98

Sl. No.	Category of labour	year 1996-97 in Rs.	year 1997-98 in Rs.
1.	Carpenter	79	96
2.	Blacksmith	72	90
3.	Cobblers	70	82
4.	Field labour	55	65
5.	Other agricultural labour	49	59
6.	Herdsman	49	55

The increase in daily wages of all categories of labour that is skilled or unskilled was due to general price-rise and scarcity of labour.

SUMMARY TABLES—contd.

F—Farm Prices of Principal Crops

(In Rupees per quintal)

Crops	1993-94	1994-95	1995-96	1996-97	1997-98
1	2	3	4	5	6
Rice	539.00	542.00	546.00	548.00	529.00
Wheat	389.00	440.00	483.00	508.00	539.00
Jowar	—	—	—	—	—
Bajra	300.00	425.00	475.00	473.00	638.00
Barley	365.00	414.00	420.00	470.00	507.00
Maize	342.00	397.00	431.00	453.00	484.00
Gram	1310.00	1340.00	1333.00	1432.00	1612.00
Moong	—	—	1875.00	2265.00	—
Arhar	—	—	1450.00	1713.00	—
Mash	—	—	2125.00	2133.00	—
Kulth	—	—	1539.00	1630.00	—
Masur	—	—	1616.00	1696.00	—
Peas	1193.00	1154.00	1176.00	1383.00	—
Ginger	1294.00	1622.00	1622.00	1569.00	1639.00
Chillies	4058.00	4260.00	4487.00	4671.00	3912.00
Garlic	—	—	1432.00	1450.00	—
Coriander	—	—	2655.00	2310.00	—
Turmeric	—	—	2228.00	3433.00	—
Zeera	—	—	—	1167.00	—
Apple	—	—	—	—	—
Mango	—	—	—	—	—
Orange and Kinnu	—	—	—	—	—
Peaches	—	—	—	1000.00	—
Pears	—	—	—	—	—
Lichi	—	—	—	—	—
Plum	—	—	—	800.00	—
Lemon	—	—	—	—	—
Almonds	—	—	—	—	—
Chilgoza	—	—	—	—	—
Walnut	—	—	—	—	—
Potato	314.00	376.00	455.00	358.00	—
Tomato	—	—	1119.00	1000.00	—
Cauliflower	—	—	1000.00	604.00	—
Brinjal	—	—	534.00	300.00	—
Lady finger	—	—	633.00	840.00	—
Sugar raw	1080.00	1050.00	1000.00	1133.00	—
Groundnut	1650.00	1927.00	1766.00	1867.00	1900.00
Caster seed	—	—	—	—	—
Linseed	—	1691.00	1565.00	1914.00	1617.00
Rape	1468.00	1141.00	1455.00	1050.00	—
Mustard	—	1535.00	1510.00	1510.00	1890.00
Sesamum	1980.00	2308.00	2550.00	2238.00	2379.00
Soyabean	—	—	1109.00	1500.00	—
Sunflower	689.00	847.00	950.00	840.00	—
Cotton	2950.00	—	2783.00	2527.00	2643.00

SUMMARY TABLES—contd.

G—Agricultural Wages

(In Rupees)

Month and year	Skilled Labour			Field Labour	Other Agri. Labour	Herds- men
	Carpenter	Black- smith	Cobblers			
1	2	3	4	5	6	7
1997-98—						
July	91	77	80	62	56	53
August	92	87	81	63	57	54
September	92	87	81	63	56	53
October	94	88	81	63	56	54
November	95	89	80	68	55	53
December	94	89	80	68	55	53
January	95	89	81	63	56	53
February	95	90	81	63	56	53
March	95	90	81	63	56	53
April	96	90	81	65	58	55
May	96	90	81	65	58	55
June	96	90	81	65	59	55
Average of the year	94	88	81	64	57	54
1996-97—						
July	77	70	69	54	48	48
August	77	70	69	54	48	48
September	78	71	70	54	48	49
October	79	80	70	54	49	49
November	79	72	70	55	49	49
December	79	72	70	55	49	49
January	79	71	70	54	49	9
February	79	71	70	56	49	49
March	79	71	70	54	49	49
April	80	72	71	55	50	53
May	80	72	71	56	50	50
June	81	72	71	55	50	50
Average of the year	79	72	70	55	49	49

SUMMARY TABLES—concl'd.

H—Number of Livestock, Poultry and Agricultural Machinery

	1982	1987	1992
Cattle:			
Males over 3 years—			
Breeding bulls	1,15,348	—	68,205
Other males over 3 years	7,38,462	8,92,205	7,86,061
Females over 3 years—			
Breeding cows	3,37,745	3,74,581	3,84,821
Other cows over 3 years	3,55,452	3,57,626	3,54,605
Young stock	6,26,656	6,20,403	5,71,342
Total cattle	21,73,663	22,44,815	21,65,034
Buffaloes:			
Males over 3 years—			
Breeding bulls	5,183	7,695	5,250
Other males over 3 years	7,629	90,649	10,831
Females over 3 years—			
Breeding Buffaloes	2,20,742	2,79,602	2,99,909
Other Buffaloes over 3 years	1,92,853	1,85,790	2,72,060
Young stock	1,90,009	2,31,255	1,15,492
Total Buffaloes	6,16,414	7,94,991	7,03,542
Total Sheep	10,90,322	11,12,768	10,78,940
Total Goats	10,59,852	11,20,139	11,18,094
Total Yaks	—	—	5,690
Horses and Ponies:			
Males over 3 years			
Females over 3 years	7,391	9,079	7,602
Young stock	6,265	7,415	6,453
	3,014	3,653	N.A.
Total Horses and Ponies	16,670	20,147	14,055
Mules	12,679	23,105	16,390
Donkeys	6,613	8,011	7,522
Camels	714	327	367
Pigs	8,107	17,976	7,286
Mithuns	—	—	6
Other	3,506	—	—
Total livestock	49,88,540	53,42,279	51,16,933
Poultry:			
Fowls	4,60,972	7,53,476	7,21,849
Ducks	198	145	73
Others	115	255	674
Total Poultry	4,61,285	7,53,876	7,22,596
Agricultural Machinery and Implements:			
Plough	6,23,761	7,99,207	7,10,349
Carts	3,403	4,722	1,128
Sugarcane Crushers	2,961	1,413	1,361
Tractors	936	1,319	3,465
Oil Engines	1,177	2,358	1,299
Electric Pumps	585	934	1,222
Thresher	—	—	2,692

TABLE

Classification of area in each District of

District	Total geographical area		CLASSIFICATION			
	By professional survey	By village papers	Forests	Barren and unculturable lands	Land put to non-agricultural uses	Permanent pastures and other grazing lands
1	2	3	4	5	6	7
Bilaspur	1,16,700	1,15,445	12,449	6,541	12,135	44,858
Chamba	6,51,500	6,92,419	2,71,611	5,152	11,975	3,52,934
Hamirpur	1,11,800	1,10,070	20,206	21,160	17,473	400
Kangra	5,73,900	5,77,778	2,21,621	28,107	75,292	45,241
Kinnaur	6,55,300	4,15,441	39,163	90,645	51,203	2,18,040
Kullu	5,50,300	50,090	—	1,078	5,598	279
Lahaul and Spiti	13,69,300	9,11,095	1,35,382	5,35,594	4,800	2,30,888
Mandi	3,95,100	3,96,924	1,74,146	18,136	6,849	96,070
Shimla	5,13,100	4,38,084	1,14,579	16,769	7,782	2,02,710
Sirmaur	2,82,600	2,24,752	48,507	8,199	9,733	60,621
Solan	1,93,700	1,80,923	20,289	13,125	9,942	78,591
Una	1,54,600	1,54,175	28,595	31,390	12,009	9,590
H. P. State Total	55,67,300	42,67,196	10,86,548	7,75,896	2,24,791	13,40,222

No. II

Himachal Pradesh in 1997-98

(In hectares)

CULTIVATION	Cultivated Area					
	Land under misc. tree crops and groves not included in area sown	Culturable waste	Other fallow land	Current fallows	Net area sown	Area sown more than once
8	9	10	11	12	13	14
126	5,774	1,598	1,213	30,771	28,580	59,351
21	6,106	153	2,080	42,387	23,950	66,337
119	5,732	1,007	7,555	36,418	35,236	71,654
54,329	25,138	1,103	7,889	1,19,058	1,03,522	2,22,580
852	6,226	114	1,596	7,602	2,368	9,970
604	3,144	201	2,583	36,603	26,505	63,108
378	638	21	156	3,238	80	3,318
243	4,225	281	5,847	91,127	72,542	1,63,669
1,658	9,621	1,442	12,464	71,059	36,006	1,07,065
36,937	13,134	890	4,530	42,201	36,236	78,437
831	12,983	778	4,946	39,438	26,228	65,666
1,429	11,241	15,118	4,551	40,252	34,931	75,183
97,527	1,03,942	22,706	55,410	5,60,154	4,26,184	9,86,338

TABLE

Sources of water and area irrigated therefrom

District	Canals	
	Government	Private
	Number	Number
1	2	3
Bilaspur	—	—
Chamba	—	—
Hamirpur	—	—
Kangra	—	—
Kinnaur	—	—
Kullu	—	—
Lahaul and Spiti	—	—
Mandi	—	—
Shimla	—	—
Sirmaur	—	—
Solan	6	—
Una	—	—
H.P. State Total	6	—

Net area irrigated by

No. of Tanks

District	No. of Tanks			No. of Kuhls in use			No. of Lift Irrigation Schemes
	No. of Ayacut 100 hectares or more	With Ayacut less than 100 hectares	Total	No. of Oil Engines	Government	Private	
1	15	16	17	18	19	20	21
Bilaspur	16	16	32	41	70	859	198
Chamba	—	—	—	—	237	789	10
Hamirpur	—	—	—	—	43	318	71
Kangra	—	—	—	—	924	2,297	12
Kinnaur	—	—	—	—	322	348	—
Kullu	—	—	—	—	37	243	11
Lahaul and Spiti	—	—	—	—	119	433	3
Mandi	—	—	—	—	2,365	1,681	17
Shimla	1	—	1	—	919	364	9
Sirmaur	5	—	5	150	579	1,360	51
Solan	244	476	720	—	780	1,711	58
Una	—	—	—	284	17	72	49
H. P. State Total	266	492	758	475	6,412	10,475	489

Ayacut means irrigable area's.

No. III-A

in each District of Himachal Pradesh in 1997-98

No. of Tube wells	No. of Wells								No. of wells used for domestic purposes only	No. of wells not in use	Reservoirs
	No. of other wells used for irrigation purposes only				Total						
	Private	Govt.	Total	Govt.	Private	Total	Govt.	Private			
	Masonry	Non-Masonry	Masonry	Non-Masonry	Masonry	Non-Masonry	Masonry	Non-Masonry			
4	5	6	7	8	9	10	11	12	13	14	
13	167	180	53	—	—	—	53	123	123	59	
47	10	57	—	—	—	22	22	1,604	—	—	
55	—	55	—	—	25	—	25	—	—	—	
—	—	—	—	—	—	—	—	32	16	—	
—	—	—	—	—	—	—	—	—	—	—	
13	64	77	24	—	1	—	25	—	—	—	
—	—	—	—	—	199	—	199	—	—	—	
30	242	272	—	—	3	—	3	46	99	—	
85	165	250	21	—	177	125	323	195	27	—	
189	981	1,170	18	—	126	34	178	1,034	354	—	
432	1,629	2,061	116	—	531	181	828	3,034	619	59	

(in hectares)

No. of Canals		Govt. Canals	Private Canals	Govt. Tube-wells	Private Tube-wells	Tanks	Kuhls		Govt. lift irrigation schemes
Govt.	Private						Govt.	Private	
22	23	24	25	26	27	28	29	30	31
—	—	—	—	—	80	—	583	1,708	25
—	—	—	—	—	—	—	—	6,165	—
—	—	—	—	39	9	—	—	1,641	91
—	—	—	—	—	—	—	—	30,138	—
—	—	—	—	—	—	—	—	4,335	—
—	—	—	—	—	—	—	—	2,502	—
—	—	—	—	—	—	—	—	3,318	—
—	—	—	—	—	—	—	—	12,937	—
—	—	—	—	—	—	—	—	2,509	—
—	—	3,398	—	486	264	1	1,156	7,161	1,647
—	—	—	—	910	299	—	369	9,191	2
—	—	—	—	4,009	2,452	254	—	2,55	745
—	—	3,398	—	5,444	3,104	255	2,108	81,860	2,743

TABLE

Sources of water and area irrigated therefrom

District	Private lift irri. Scheme	Govt. wells	Private wells	Other (specify)	Total (Col. 24 to 35)	%age of net area irrigated to net area sown	Area irrigated more than once in the same year (in hectares)	Total/gross area irrigated (in hectares)
1	32	33	34	35	36	37	38	39
Bilaspur	421	2	112	—	3,164	10.3	2,580	5,744
Chamba	—	—	—	—	6,165	2.1	902	7,067
Hamirpur	—	—	10	—	1,790	4.6	1,674	3,464
Kangra	—	—	2,056	—	32,194	28.6	34,024	66,218
Kinnaur	—	—	—	—	4,335	20.2	1,534	5,869
Kullu	—	—	—	—	2,502	6.8	—	2,502
Lahaul & Spiti	—	—	—	—	3,318	102.5	—	3,318
Mandi	—	85	117	—	13,139	12.6	11,515	24,654
Shimla	—	—	—	—	2,509	5.5	3,906	6,415
Sirmaur	6	—	—	—	14,119	28.6	12,061	26,180
Solan	—	—	849	—	11,620	12.7	5,022	16,642
Una	4	—	41	2	7,762	11.4	4,589	12,351
H.P. State Total ..	431	87	3,185	2	1,02,617	13.9	77,807	1,80,424

No. III-A—concl.

In each District of Himachal Pradesh in 1997-98

%age of total gross irrigated area to total gross cropped area	No. of wells having an independent Ayacut	No. of wells supplementing recognised sources of irrigation	%age of area irrigated by wells having independent ayacut to the total area irrigated	No. of Circles		No. of Revenue Villages			Total Khasra No.
				Kanungo	Patwari	Inhabited	Uninhabited	Total	
40	41	42	43	44	45	46	47	48	49
9.6	—	—	—	8	82	965	113	1,078	3,11,184
10.7	—	—	—	21	183	1,090	507	1,597	8,51,753
4.8	—	—	—	19	198	1,644	32	1,676	36,14,809
29.7	—	—	—	48	519	3,620	249	3,869	31,24,163
58.9	—	—	—	9	30	205	457	662	2,06,774
4.0	—	—	—	10	100	173	—	173	4,87,706
—	—	—	—	5	20	265	256	521	61,573
15.1	—	—	—	45	445	2,906	461	3,367	27,40,127
6.0	—	—	—	28	259	2,311	286	2,597	10,95,127
33.4	—	—	—	14	126	984	3	987	6,47,303
25.3	—	—	—	13	149	2,409	136	2,545	6,51,774
16.4	—	—	—	17	170	561	40	601	11,79,309
18.3	—	—	—	237	2,281	17,133	2,540	19,673	1,49,71,602

TABLE
Area of Crops irrigated in each District of

District	Rice		Maize		Ragi	Jowar	Bajra
	HYV	Others	HYV	Others			
	2	3	4	5			
1	2	3	4	5	6	7	8
Bilaspur	346	728	977	714	—	—	—
Chamba	505	1,807	186	703	—	—	—
Hamirpur	—	970	—	706	—	—	—
Kangra	—	25,438	—	5,882	—	—	—
Kinnaur	—	—	275	—	—	—	—
Kullu	1,343	197	19	—	—	—	—
Lahaul and Spiti	—	—	34	—	—	—	—
Mandi	792	8,795	35	1,871	1	—	—
Shimla	89	1,632	451	445	36	—	—
Sirmaur	2,719	1,195	3,483	2,697	114	—	17
Solan	2,836	156	2,796	5	—	—	—
Una	1,142	—	2,673	—	—	—	—
H.P. State Total ..	9,772	40,918	10,929	13,023	151	—	17

District	Pulses						
	Other cereals (specify)	Total cereals	Gram	Green gram or Moong	Red gram or Tur (Arhar)	Black gram or Urd (Mash)	Peas
1	17	18	19	20	21	22	23
Bilaspur	—	5,280	25	—	1	10	—
Chamba	353	6,727	—	—	—	29	6
Hamirpur	—	3,335	—	—	—	13	—
Kangra	35	56,561	18	—	1	157	13
Kinnaur	—	2,537	—	—	—	3	—
Kullu	—	2,100	—	—	—	—	31
Lahaul and Spiti	155	912	—	—	35	—	1,232
Mandi	—	22,762	9	1	—	66	—
Shimla	—	4,804	11	—	—	128	—
Sirmaur	—	19,991	87	—	—	223	772
Solan	—	12,940	18	—	1	126	709
Una	—	10,251	21	2	—	82	—
H.P. State Total ..	543	1,48,200	189	3	38	837	2,763

No. III-B

Himachal Pradesh in 1997-98

(In hectares)

Cereals							
Wheat		Barley		Indian Millets	Kodo or Varagu	Little Millets	Common Millets
HYV	Others	HYV	Others				
9	10	11	12	13	14	15	16
1,579	904	—	32	—	—	—	—
252	2,557	—	364	—	—	—	—
—	1,633	—	26	—	—	—	—
24,686	—	—	452	—	68	—	—
—	106	—	1,192	—	26	—	938
344	57	140	—	—	—	—	—
173	—	550	—	—	—	—	—
1,773	9,276	—	205	—	14	—	—
265	1,462	1	371	—	—	52	—
6,159	2,931	—	645	—	—	—	31
6,991	22	—	134	—	—	—	—
6,436	—	—	—	—	—	—	—
48,658	18,948	691	3,421	—	108	52	969

Horse gram (Kulth)	Masur	Other pulses (specify)				Total Pulses	Total Cereals and pulses	Sugar crops	
		Kharif	Rabi	Total	Total			Total	Sugar-cane
3	2	2	—	—	—	2	43	5,323	15
11	4	28	—	—	—	28	78	6,805	—
—	—	1	—	—	—	1	14	3,349	5
19	21	—	—	—	—	—	229	56,790	194
—	1	905	—	7	—	912	916	3,453	—
—	—	—	—	3	—	3	34	2,134	—
—	—	—	—	—	—	—	1,267	2,179	—
3	28	5	—	1	—	6	113	22,875	—
12	6	130	—	—	—	130	287	5,091	—
39	108	61	—	—	—	61	1,290	21,281	962
18	6	6	—	1	—	7	885	13,825	172
—	7	—	—	—	—	—	112	10,363	195
105	183	1,138	—	12	—	1,150	5,268	1,53,468	1,543

TABLE
Area of Crops irrigated in each District of

FRUITS

District	Fresh Fruits					
	Apple		Grapes		Peaches	
	Bearing trees with No. & Area	Non-bearing trees with No. & Area	Bearing trees with No. & Area	Non-bearing trees with No. & Area	Bearing trees with No. & Area	Non-bearing trees with No. & Area
1	34	35	36	37	38	39
Bilaspur	—	—	—	—	—	—
Chamba	34	—	—	—	—	—
Hamirpur	—	—	—	—	—	—
Kangra	—	—	—	—	—	—
Kinnaur	1,348	284	9	—	—	—
Kullu	41	8	—	—	—	—
Lahaul & Spiti	24	28	—	—	—	—
Mandi	1	—	—	—	—	—
Shimla	138	9	—	—	—	—
Sirmaur	73	—	—	—	48	—
Solan	—	—	—	—	19	—
Una	—	—	—	—	—	—
H. P. State Total	1,659	329	9	—	67	—

FRUITS

District	Fresh Fruits					
	Lemon		Mango		Other (Specify)	
	Bearing tree with No. & Area	Non-bearing trees with No. & Area	Bearing trees with No. & Area	Non-bearing trees with No. & Area	Bearing trees with No. & Area	Non-bearing trees with No. & Area
1	48	49	50	51	52	53
Bilaspur	16	—	34	—	—	—
Chamba	—	—	—	—	—	—
Hamirpur	—	—	—	—	6	—
Kangra	—	—	509	—	281	—
Kinnaur	—	—	—	—	—	—
Kullu	—	—	—	—	—	—
Lahaul & Spiti	—	—	—	—	—	—
Mandi	—	—	—	—	253	—
Shimla	3	—	1	—	—	—
Sirmaur	3	—	139	—	25	—
Solan	4	—	41	—	19	—
Una	—	—	—	—	294	—
H. P. State Total	26	—	724	—	878	—

No. III-B—contd.

Himachal Pradesh in 1997-98

Fresh Fruits

District	Fresh Fruits							
	Plum		Lichi		Pears		Orange and Kinno	
	Bearing trees with No. & Area	Non-bearing trees with No. & Area	Bearing trees with No. & Area	Non-bearing trees with No. & Area	Bearing trees with No. & Area	Non-bearing trees with No. & Area	Bearing trees with No. & Area	Non-bearing trees with No. & Area
40	41	42	43	44	45	46	47	
Bilaspur	—	—	—	—	—	—	—	—
Chamba	—	—	—	—	—	—	—	—
Hamirpur	—	—	—	—	—	—	—	—
Kangra	—	—	—	—	—	—	—	—
Kinnaur	—	—	107	—	—	—	410	—
Kullu	—	—	—	—	—	—	—	—
Lahaul & Spiti	46	5	—	—	—	—	—	—
Mandi	—	—	—	—	—	—	—	—
Shimla	11	—	—	—	—	—	—	—
Sirmaur	3	—	—	—	—	—	—	—
Solan	7	—	3	—	1	—	54	—
Una	50	—	—	—	10	—	8	—
H. P. State Total	117	5	110	—	11	—	472	—

Dry Fruits

District	Dry Fruits							
	Total fresh fruits		Walnut		Almond		Chilgoza	
	Bearing trees with No. & Area	Non-bearing trees with No. & Area	Bearing trees with No. & Area	Non-bearing trees with No. & Area	Bearing trees with No. & Area	Non-bearing trees with No. & Area	Bearing trees with No. & Area	Non-bearing trees with No. & Area
54	55	56	57	58	59	60	61	
Bilaspur	50	—	—	—	—	—	—	—
Chamba	34	—	—	—	—	—	—	—
Hamirpur	6	—	—	—	—	—	—	—
Kangra	1,307	—	—	—	—	—	—	—
Kinnaur	1,357	284	1	6	106	34	—	—
Kullu	87	13	—	—	2	—	—	—
Lahaul & Spiti	24	28	—	—	—	—	—	—
Mandi	265	—	—	—	—	—	—	—
Shimla	145	9	—	—	27	—	—	—
Sirmaur	353	—	—	—	2	—	—	—
Solan	151	—	—	—	—	—	—	—
Una	294	—	—	—	—	—	—	—
H. P. State Total	4,073	334	1	6	137	34	—	—

TABLE

Area of Crops irrigated in each District of

District	Dry Fruits					
	Other dry fruits (Specify)		Total Fruits (dry)		Total Fruits (Fresh & Dry)	
	Bearing trees with No. & Area	Non-bear- ing trees with No. & Area	Bearing trees with No. & Area	Non-bear- ing trees with No. & Area	Bearing trees with No. & Area	Non-bear- ing trees with No. & Area
1	62	63	64	65	66	67
Bilaspur	—	—	—	—	50	—
Chamba	—	—	—	—	34	—
Hamirpur	—	—	—	—	6	—
Kangra	—	—	—	—	1,307	—
Kinnaur	72	17	179	57	1,536	341
Kullu	—	—	2	—	89	13
Lahaul & Spiti	—	—	—	—	24	28
Mandi	—	—	—	—	265	—
Shimla	—	—	27	—	172	9
Sirmaur	—	—	2	—	355	—
Solan	—	—	—	—	151	—
Una	—	—	—	—	294	—
H. P. State Total	72	17	210	57	4,283	391

District	Other Vegetables (Specify)				Total fruits and vegetables	Condi- ments Chillies
	Winter	Summer	Total other vegetables	Total vegeta- bles		
1	76	77	78	79	80	81
Bilaspur	40	34	74	172	222	4
Chamba	10	—	10	143	177	—
Hamirpur	3	33	36	68	74	—
Kangra	139	233	372	1,867	3,174	7
Kinnaur	111	329	440	531	2,408	1
Kullu	56	50	106	213	315	12
Lahaul & Spiti	7	3	10	935	987	—
Mandi	199	65	264	454	719	19
Shimla	392	34	426	872	1,053	52
Sirmaur	15	89	104	1,367	1,722	127
Solan	67	261	328	1,644	1,795	2
Una	41	112	153	659	953	2
H.P. State Total	1,080	1,243	2,323	8,925	13,599	226

No. III-B—contd.

Himachal Pradesh in 1997-98

District	Vegetables							
	Potatoes			Sweet Potatoes	Onion	Tomato	Lady- finger	Cauli- flower & Cabbage
	Kharif	Rabi	Total					
68	69	70	71	72	73	74	75	
—	6	6	—	38	46	—	8	
96	4	100	—	29	3	1	—	
—	5	5	—	18	—	9	—	
3	1,245	1,248	—	205	3	23	16	
80	—	80	—	—	—	—	11	
1	13	14	—	5	52	—	36	
925	—	925	—	—	—	—	—	
—	90	90	—	59	—	5	36	
58	197	255	—	17	84	4	86	
296	244	540	—	99	480	4	140	
—	116	116	—	29	1,106	12	53	
122	247	369	—	70	7	10	50	
1,581	2,167	3,748	—	569	1,781	68	436	

and Spices

Ginger	Turmeric	Garlic	Coriander	Other condi- ments and Spices (Specify)	Total condi- ments and Spices	Other Miscella- neous food crops	Total Food Crops
82	83	84	85	86	87	88	89
64	2	16	—	1	87	—	5,647
—	—	20	—	—	20	—	7,002
4	4	1	—	—	9	—	3,437
15	5	59	1	—	87	—	60,245
—	—	1	—	—	2	—	5,863
—	—	—	3	4	19	—	2,468
—	—	—	—	—	—	—	3,166
26	2	14	4	13	78	—	23,672
77	—	6	40	—	175	—	6,319
432	4	99	45	1	708	—	24,673
162	—	25	—	—	189	—	15,981
—	1	15	1	—	19	—	11,530
780	18	256	94	19	1,393	—	1,70,003

TABLE
Area of Crops irrigated in each District of

District	Fibres					
	Cotton					
	Desi	American	Total	Hemp	Other fibres	Total fibres
1	90	91	92	93	94	95
Bilaspur	—	—	—	—	—	—
Chamba	—	—	—	—	—	—
Hamirpur	—	—	—	—	—	—
Kangra	—	—	—	—	—	—
Kinnaur	—	—	—	—	—	—
Kullu	—	—	—	—	—	—
Lahaul & Spiti	—	—	—	—	—	—
Mandi	—	—	—	—	—	—
Shimla	—	—	—	—	—	—
Sirmaur	5	—	5	1	—	6
Solan	5	—	5	—	—	5
Una	—	—	—	24	—	24
H.P. State Total	10	—	10	25	—	35

District	Oil Seed		
	Taramira	Others (specify)	Total non-edible Oil seeds
1	104	105	106
Bilaspur	5	—	5
Chamba	—	—	34
Hamirpur	—	—	—
Kangra	—	—	2,356
Kinnaur	—	—	—
Kullu	—	—	—
Lahaul & Spiti	—	—	—
Mandi	2	—	290
Shimla	—	—	—
Sirmaur	28	—	28
Solan	19	5	24
Una	14	—	14
H. P. State Total	68	5	2,751

No. III-B—contd.

Himachal Pradesh in 1997-98

Ground-nut	Oil Seeds						
	Edible						
	Sesamum	Rape (Toriya)	Mustard	Soyabean	Others (specify)	Total Edible Oil seeds	Linseed
96	97	98	99	100	101	102	103
—	3	—	22	5	—	30	—
—	—	—	23	—	—	23	34
—	—	—	9	—	—	9	—
—	66	—	192	50	—	308	2,356
—	—	—	3	—	—	3	—
—	—	—	19	—	—	19	—
—	—	—	20	—	—	20	—
1	1	—	39	111	—	152	288
—	—	—	83	—	—	83	—
16	61	—	205	18	—	300	—
12	57	—	68	1	91	229	—
1	30	—	227	—	—	258	—
30	218	—	910	185	91	1,434	2,678

Total Oilseeds	Dyes and Tanning Materials		
	Acacia (Kikar)	Other Dyes and tanning materials	Total Dyes and tanning materials
107	108	109	110
35	—	—	—
57	—	—	—
9	—	—	—
2,664	—	—	—
3	—	—	—
19	—	—	—
20	—	—	—
442	—	—	—
83	—	—	—
328	—	—	—
253	—	42	—
272	—	—	42
4,185	—	42	42

TABLE
Area of Crops irrigated in each District of

District	Drugs & Narcotics					Total drugs and Narcotics
	Tobacco	Tea	Bhang	Opium or Poppy	Others (specify)	
1	111	112	113	114	115	116
Bilaspur	—	—	—	—	—	—
Chamba	—	—	—	—	—	—
Hamirpur	—	—	—	—	—	—
Kangra	—	1,309	—	—	13	1,322
Kinnaur	—	—	—	—	1	1
Kullu	—	—	—	—	—	—
Lahaul & Spiti	—	—	—	—	75	75
Mandi	1	1	—	—	—	2
Shimla	—	—	—	—	—	—
Sirmaur	1	—	—	—	—	1
Solan	—	—	—	—	—	—
Una	—	—	—	—	—	—
H. P. State Total	2	1,310	—	—	89	1,401

No. III-B—*contd.*

Himachal Pradesh in 1997-98

Fodder Crops						
Barsoam	Chari	Others (Specify)	Total	Other misc. non-food crops.	Total non- food crops	Total food & non- food crops
117	118	119	120	121	122	123
56	6	—	62	—	97	5,744
8	—	—	8	—	65	7,067
118	—	—	18	—	27	3,464
1,679	308	—	1,987	—	5,973	66,218
2	—	—	2	—	6	5,869
15	—	—	15	—	34	2,502
—	—	—	—	57	152	3,318
490	18	12	520	18	982	24,654
1	8	1	10	3	96	6,415
492	623	52	1,167	5	1,507	26,180
137	210	14	361	—	661	16,642
288	166	71	525	—	821	12,351
3,186	1,339	150	4,675	83	10,421	1,80,424

INTRODUCTION

The Annual Season and Crop Report 1997-98 is an annual publication of State Government, attempting to reflect the land-use pattern, district-wise, as well as corresponding data on production structure of agriculture viz., land classification, month-wise and season-wise rainfall data, source-wise net irrigated area, crop-wise gross irrigated area, farm harvest prices, agricultural wages. This report also incorporates data on quinquennial Livestock Census—1992 and holding-wise agrarian structure as observed during Agricultural Census 1995-96.

This report presents all the statistical data in metric units i.e. area in hectares and production in metric tonnes.

PHYSICAL FEATURES :

Himachal Pradesh with its attractive valleys, snowcovered peaks, various varieties of flora and fauna, lakes and rivers, temples and monasteries and its simple living inhabitants rearing flocks and growing horticultural crops offers a captivating panorama for the tourists. Besides, its undulating terrain varying within altitudes from 350 metres to 6975 metres above, the mean sea-level, is situated in the lap of Himalayan ranges in the North-West of India. Geographically, it is bordered by State of Haryana in the South, Uttar Pradesh in the South East and Jammu and Kashmir in North, Punjab in the West and South-West and Tibet in the East. It is situated between 32°-22'-44" to the 33°-12'-40" North latitude and 75°-47'-55" to 79°-04'-22" East Longitude.

The State came into existence as a Part "C" State of the Indian Union on April 15, 1948 as a result of the merger of 30 Punjab and Shimla Hill Princely States. At that time, the state had only four districts viz., Chamba, Mahasu, Mandi and Sirmaur with a total area of 27168 sq. kms. In 1954, the neighbouring 31st state of Bilaspur was integrated with Himachal Pradesh, thereby one more district was added to its territory raising the total geographical area of the state to 28237 sq. kms. Further, in May, 1960, a new border district of Kinnaur was made out of Mahasu district on account of administrative reasons. With the reorganization of States on November 1, 1966, four more districts namely Kangra, Kullu, Lahaul-Spiti and Shimla of Punjab were integrated with Pradesh, thereby increasing the geographical area, virtually doubled. On January 25, 1971, this Pradesh attained the status of full Statehood. On 1st September, 1972 two more districts of Una and Hamirpur were carved out of Kangra districts and then district Mahasu was reorganized in the form of new districts of Shimla and Solan.

Thus, at present, the State of Himachal Pradesh is spread over an area of 55673 sq. kms. as per the Survey General of India comprises of 12 districts, namely Bilaspur, Chamba, Hamirpur, Kangra, Kinnaur, Kullu, Lahaul-Spiti, Mandi, Shimla, Sirmaur, Solan and Una. The state Headquarter located at Shimla, which has unique existence on the National as well as International map due to its scenic beauty and historicity.

**DETAILED
TABLE**

Average Rainfall in each District of

District	Monsoon 1st June to 30th September, 97											
	June		July		August		September		Total for the season			
	Cur- rent	Nor- mal	Cur- rent	Nor- mal	Cur- rent	Nor- mal	Cur- rent	Nor- mal	Total rain- fall	Corres- pond- ing nor- mal	No. of rainy days	
1	2	3	4	5	6	7	8	9	10	11	12	
Bilaspur	101.2	92.9	289.6	380.5	485.2	313.3	306.6	188.1	1182.6	974.8	57.0	
Chamba	142.8	91.1	377.7	318.7	639.3	277.9	228.6	155.3	1388.4	843.0	48.8	
Hamirpur	63.6	92.7	519.3	405.4	480.0	414.7	131.0	160.9	1193.9	1074.7	44.5	
Kangra	143.0	145.5	425.9	713.5	732.7	772.1	156.1	284.3	1457.7	1915.4	48.2	
Kinnaur	18.8	30.0	59.0	72.0	146.4	66.3	21.3	68.2	245.5	236.5	23.1	
Kullu	30.0	72.4	158.0	186.4	269.4	180.3	21.5	91.8	478.9	530.9	32.0	
Lahaul & Spiti	N.A	62.3	NA	184.9	N.A.	162.5	11.2	125.5	11.2	535.2	1.0	
Mandi	212.0	160.7	339.7	466.9	613.4	389.0	207.3	170.5	1372.4	1187.1	55.4	
Shimla	101.2	106.7	144.6	324.1	290.6	277.5	53.0	154.3	589.4	862.6	33.4	
Sirmaur	116.3	145.5	496.7	578.7	414.4	559.8	104.9	250.2	1132.3	1534.2	38.4	
Solan	96.0	108.6	196.6	395.1	376.6	373.0	185.6	185.9	854.8	1062.6	43.5	
Una	82.5	86.7	215.8	338.4	531.2	284.9	170.2	150.6	999.7	860.6	44.5	
State Average	92.3	99.6	268.6	363.8	414.9	339.3	133.1	165.4	908.9	968.1	39.1	

Winter
From 1st January to 31st March

District	January		February		Total for the season		
	Current	Normal	Current	Normal	Total rainfall	Corres- ponding normal	No. of rainy days
	22	23	24	25	26	27	28
Bilaspur	—	57.9	189.2	59.3	189.2	117.2	6.0
Chamba	30.8	125.0	191.5	117.5	222.3	242.5	10.0
Hamirpur	1.7	68.5	131.4	58.8	133.1	127.3	3.2
Kangra	15.0	98.9	133.2	89.2	148.2	188.1	7.3
Kinnaur	7.8	95.3	113.7	99.0	121.5	194.3	8.6
Kullu	13.0	88.5	120.0	95.4	133.0	183.9	12.0
Lahaul and Spiti	13.0	158.8	121.5	140.7	134.5	299.5	5.5
Mandi	12.3	70.3	157.8	65.2	170.3	135.5	9.0
Shimla	9.0	104.3	151.0	77.6	160.0	181.9	7.8
Sirmaur	6.6	76.1	60.5	48.5	67.1	124.6	4.7
Solan	—	83.8	37.0	61.4	37.0	145.2	4.0
Una	6.2	51.5	101.9	48.1	108.1	99.6	7.5
State Average	9.6	89.9	125.7	80.1	135.3	169.9	7.1

TABLES

No. i

Himachal Pradesh in 1996-97

(In millimetres)

District	Post-Monsoon 1st October to 31st December									
	October		November		December		Total for the season			
	Current	Normal	Current	Normal	Current	Normal	Total rainfall	Corres- ponding normal	No. of rainy days	
13	14	15	16	17	18	19	20	21		
Bilaspur	64.1	36.4	192.6	13.6	170.8	34.8	427.5	84.8	16.0	
Chamba	74.9	69.2	172.5	36.0	133.6	72.9	381.0	178.1	17.9	
Hamirpur	34.6	27.0	71.0	8.0	91.3	32.8	196.9	67.8	13.5	
Kangra	36.2	46.2	74.0	13.4	113.8	50.5	224.0	110.1	12.0	
Kinnaur	23.2	36.4	N.A.	13.0	71.2	57.0	94.4	106.4	6.3	
Kullu	46.9	31.4	115.4	13.7	123.8	41.3	286.1	86.4	25.0	
Lahaul & Spiti	5.0	86.1	58.0	31.0	78.0	63.8	141.0	180.9	18.9	
Mandi	80.0	51.9	123.5	15.3	91.2	35.0	294.7	102.2	18.0	
Shimla	54.0	49.5	65.9	13.8	108.8	46.6	228.7	109.9	14.7	
Sirmaur	77.3	70.2	34.2	9.5	90.1	32.0	201.6	111.7	12.0	
Solan	43.0	60.9	42.6	9.3	65.3	27.5	150.9	97.7	11.3	
Una	17.5	28.1	53.8	4.7	93.2	25.2	164.5	58.0	11.0	
State Average	46.4	49.4	83.6	15.1	102.6	43.3	232.6	107.8	14.7	

Pre-Monsoon
1st April to 31st May

District	March		April		May		Total for the season			Total for the year		
	Cur- rent	Nor- mal	Cur- rent	Nor- mal	Cur- rent	Nor- mal	Total rain- fall	Corres- ponding normal	Number of rainy days	Total rain- fall	Corres- ponding normal	Total No. of rainy days
	29	30	31	32	33	34	35	36	37	38	39	40
Bilaspur	188.9	64.5	123.2	19.6	65.4	33.6	377.5	117.7	13.0	2176.8	1294.5	92.0
Chamba	158.0	139.8	163.5	87.0	16.7	77.3	333.2	304.6	18.5	2329.9	1568.2	95.2
Hamirpur	124.2	53.6	29.3	25.2	5.8	28.5	159.3	107.3	10.3	1683.2	1377.1	71.5
Kangra	143.3	90.3	102.5	44.7	31.5	44.6	277.3	179.6	11.5	2107.2	2323.2	79.0
Kinnaur	105.2	99.1	88.0	70.7	62.2	64.4	255.4	234.2	17.9	716.8	771.4	55.9
Kullu	151.0	111.8	110.2	73.9	—	57.2	261.2	242.9	20.0	1159.2	1044.1	89.0
Lahaul and Spiti	167.0	182.6	20.0	132.0	60.0	116.9	247.0	431.5	9.0	533.7	1447.1	34.4
Mandi	167.1	82.3	48.3	41.9	69.5	58.8	284.9	183.0	13.6	2122.1	1607.8	96.0
Shimla	162.9	78.7	62.8	44.2	39.9	58.3	265.6	181.2	13.0	1243.7	1335.6	68.9
Sirmaur	69.4	50.4	31.3	11.7	42.8	28.3	143.5	90.4	8.3	1544.5	1860.9	63.4
Solan	101.6	58.8	35.0	21.1	26.3	35.0	162.9	114.9	11.3	1205.6	1420.4	70.1
Una	77.2	41.3	45.0	18.5	N.A.	16.8	122.2	76.6	9.5	1394.8	1094.8	72.5
State Average	134.6	87.8	71.6	49.2	35.0	51.7	241.2	188.7	13.0	1518.0	1434.5	74.0

TABLE

Area under Food Crops in each District

District	Food					
	CEREALS					
	Rice			Maize		
	Current		Normal	Current		Normal
	HYV	Others	HYV	Others		
1	2	3	4	5	6	7
Bilaspur	7,06	1,981	3,041	9,824	16,467	26,774
Chamba	534	2,350	3,013	4,959	22,961	28,908
Hamirpur	—	2,813	3,585	—	32,618	33,399
Kangra	—	37,925	36,572	—	58,216	57,674
Kinnaur	—	23	27	420	—	497
Kullu	1,370	919	2,551	7,708	11,901	16,288
Lahaul & Spiti	—	—	—	34	—	32
Mandi	2,875	19,243	23,324	5,066	42,410	47,637
Shimla	185	2,912	4,154	6,221	11,690	21,812
Sirmaur	3,249	1,811	5,290	14,048	11,561	26,389
Solan	3,657	300	3,788	23,735	62	25,909
Una	3,325	—	2,007	31,960	—	30,719
H. P. State Total	15,901	70,277	87,352	1,03,975	2,07,886	3,16,038
		(86,178)		(3,11,861)		

District	Wheat				Barley	
	Current		Normal	Current		Normal
	HYV	Others		HVY	Others	
	14	15	16	17	18	19
Bilaspur	18,301	8,950	27,149	—	303	465
Chamba	12,852	7,440	20,287	—	3,854	4,085
Hamirpur	—	34,795	35,869	—	161	223
Kangra	29,909	63,053	91,540	—	2,612	3,388
Kinnaur	—	527	818	—	1,547	1,636
Kullu	12,024	10,558	21,091	2,244	1,269	3,677
Lahaul & Spiti	173	—	265	550	—	774
Mandi	19,348	48,870	66,935	—	4,516	4,618
Shimla	2,530	24,033	29,971	386	5,403	5,706
Sirmaur	15,953	12,127	29,214	—	2,780	2,870
Solan	23,555	76	24,221	—	2,063	1,943
Una	32,269	—	32,816	5	—	55
H. P. State Total	1,66,914	2,10,429	3,80,176	3,185	24,508	29,440
		(3,77,343)		(27,693)		

No. IV-A

of Himachal Pradesh in 1997-98

in hectares

Crops	Jowar						Bajra or Cumbu					
	Current		Normal	Current		Normal	Current		Normal	Current		Normal
	8	9	10	11	12	13	14	15	16	17	18	
—	—	—	—	1	—	—	—	—	—	—	—	
—	—	—	—	1	—	—	—	—	—	—	—	
—	—	—	2	3	—	—	—	—	—	—	—	
—	—	344	56	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	—	—	—	
—	—	—	15	28	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	—	—	—	
—	—	—	54	51	—	—	—	—	—	—	—	
—	—	—	—	3	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	—	—	—	
—	—	415	143	—	—	—	—	—	—	—	—	

Crops	Italian millets		Kodo or Varagu		Little millets or Kutki		Common millets		
	Current		Normal	Current		Normal	Current		Normal
	20	21	22	23	24	25	26	27	
—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	
—	—	—	23	—	—	—	—	—	
—	—	239	—	—	—	—	—	—	
—	—	155	—	—	—	—	2,483	—	
—	—	472	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	
189	—	1,427	—	—	259	—	265	—	
—	—	1,902	—	—	4,648	—	—	—	
—	—	501	—	—	—	—	245	—	
—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	
189	—	4,719	—	—	4,907	—	2,993	—	

TABLE

Area under Food Crops in each District

District	Other cereals (specify)						Total Cereals	
	Kharif		Rabi		Total		Current	Normal
	Current	Normal	Current	Normal	Current	Normal		
1	28	29	30	31	32	33	34	35
Bilaspur	—	—	—	—	—	—	56,532	57,430
Chamba	1,763	—	—	—	—	1,763	1,918	56,713
Hamirpur	—	—	—	—	—	35	12	70,412
Kangra	—	—	—	—	—	—	301	1,92,333
Kinnaur	35	—	—	—	—	1,088	2,733	1,89,531
Kullu	—	—	—	—	—	155	2,271	49,553
Lahaul & Spiti	1,088	—	—	—	—	—	—	45,878
Mandi	155	—	—	—	—	221	185	912
Shimla	221	—	—	—	—	—	2,088	1,44,704
Sirmaur	—	—	—	—	—	—	8,043	59,910
Solan	—	—	—	—	—	—	832	62,329
Una	—	—	—	—	—	—	53,448	64,646
H. P. State Total	3,262	—	—	—	—	3,262	18,383	8,19,560
								8,31,532

Pulses

District	Pulses					
	Peas		Horse gram (Kulth)		Masur	
	Current	Normal	Current	Normal	Current	Normal
1	44	45	46	47	48	49
Bilaspur	—	121	54	185	12	25
Chamba	190	226	334	333	67	64
Hamirpur	—	4	131	260	32	51
Kangra	25	55	390	501	195	275
Kinnaur	—	364	—	—	2	3
Kullu	198	519	71	94	40	31
Lahaul & Spiti	1,232	1,166	—	—	—	5
Mandi	—	1,534	497	650	330	401
Shimla	—	—	773	971	223	136
Sirmaur	1,853	1,722	439	531	467	461
Solan	1,091	1,051	559	717	56	69
Una	—	—	100	150	50	75
H. P. State Total	4,589	6,762	3,348	4,392	1,474	1,596

No. IV-A—contd.

of Himachal Pradesh in 1997-98

(in hectares)

District	Pulses							
	Gram		Green gram or Moong		Red gram or tur (Arhar)		Black gram or Urd (Mash)	
	Current	Normal	Current	Normal	Current	Normal	Current	Normal
36	37	38	39	40	41	42	43	
Bilaspur	276	350	—	3	5	2	235	1,150
Chamba	15	101	—	1	—	—	2,263	2,331
Hamirpur	35	68	—	—	—	1	211	415
Kangra	547	489	363	1	1	2	3,717	3,150
Kinnaur	—	—	—	—	—	—	9	27
Kullu	37	42	4	10	1,069	—	1,438	1,634
Lahaul & Spiti	—	—	—	—	—	—	—	—
Mandi	34	51	10	3	—	27	—	—
Shimla	28	31	—	50	2	1	1,761	3,195
Sirmaur	348	450	—	1	—	8	2,706	3,250
Solan	768	531	—	—	—	—	1,511	1,520
Una	291	353	19	75	—	250	1,662	2,035
							959	928
H. P. State Total	2,379	2,466	396	144	1,117	291	16,472	19,635

Other Pulses (specify)

District	Other Pulses (specify)					
	Kharif		Rabi		Total	
	Current	Normal	Current	Normal	Current	Normal
50	51	52	53	54	55	
Bilaspur	86	179	—	—	86	179
Chamba	792	549	—	—	792	549
Hamirpur	5	15	—	—	5	15
Kangra	—	1,461	40	25	40	1,486
Kinnaur	1,050	905	7	10	1,057	915
Kullu	66	1,227	6	9	72	1,236
Lahaul & Spiti	—	—	—	—	—	—
Mandi	1,278	1,259	4	3	1,282	1,262
Shimla	2,250	2,023	—	—	2,250	2,023
Sirmaur	190	155	—	—	190	155
Solan	89	75	277	—	366	75
Una	15	17	—	—	15	17
H. P. State Total	5,821	7,865	334	47	6,155	7,912

TABLE

Area under Food Crops in each District

District	Total Pulses	
	Current	Normal
1	56	57
Bilaspur	668	2,015
Chamba	3,661	3,605
Hamirpur	414	894
Kangra	5,278	5,959
Kinnaur	1,068	1,309
Kullu	2,929	3,566
Lahaul & Spiti	1,267	1,198
Mandi	3,914	7,086
Shimla	5,982	6,462
Sirmaur	4,808	4,848
Solan	4,507	4,728
Una	1,434	1,598
H. P. State Total	35,930	43,268

District	Fresh					
	Apple					
	Bearing trees with No. & Area			Non-bearing trees with No. & Area		
	No.	Area		No.	Area	
Current		Normal	Current		Normal	
	62	63	64	65	66	67
Bilaspur	—	—	—	—	—	—
Chamba	—	2,080	1,682	—	—	—
Hamirpur	—	—	—	—	—	—
Kangra	—	—	—	—	9	—
Kinnaur	—	1,882	1,728	—	292	—
Kullu	—	5,941	6,762	—	90	—
Lahaul & Spiti	—	24	17	—	28	—
Mandi	—	589	3,574	—	—	—
Shimla	—	20,165	20,579	—	5,219	—
Sirmaur	—	677	779	—	—	—
Solan	—	65	34	—	1	—
Una	—	—	—	—	—	—
H. P. State Total	—	31,423	35,155	—	5,639	—

No. IV-A—contd.

of Himachal Pradesh in 1997-98

(in hectares)

Total Foodgrains (Cereals & Pulses)		Sugarcane	
Current	Normal	Current	Normal
58	59	60	61
57,200	59,445	58	150
60,374	61,817	1	—
70,826	73,985	70	101
1,97,611	1,95,490	796	676
6,223	7,020	—	—
52,482	49,444	—	—
2,179	2,454	—	—
1,48,618	1,51,716	9	12
65,897	76,148	—	—
67,137	69,494	1,587	1,291
57,955	60,592	293	301
68,993	67,195	618	903
8,55,490	8,74,800	3,432	3,434

Fruits								
Grapes						Peaches		
Bearing trees with No. & Area			Non-bearing trees with No. & Area			Bearing trees with No. & Area		
No.	Area		No.	Area		No.	Area	
	Current	Normal		Current	Normal		Current	Normal
68	69	70	71	72	73	74	75	76
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	6	—	—	—	—	—	30	—
—	9	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	5	—
—	—	—	—	—	—	—	364	—
—	—	—	—	—	—	—	60	—
—	—	—	—	—	—	—	—	—
—	15	—	—	—	—	—	459	—

TABLE

Area under Food Crops in each District

District	Peaches			Plum		
	Non-Bearing trees with No. & Area			Bearing trees with No. & Area		
	No.	Area		No.	Area	
	Current	Normal		Current	Normal	
1	77	78	79	80	81	82
Bilaspur	—	—	—	—	2	—
Chamba	—	—	—	—	—	—
Hamirpur	—	—	—	—	—	—
Kangra	—	35	—	—	30	—
Kinnaur	—	—	—	—	—	—
Kullu	—	—	—	—	851	—
Lahaul & Spiti	—	—	—	—	—	—
Mandi	—	—	—	—	207	—
Shimla	—	—	—	—	199	—
Sirmaur	—	—	—	—	79	—
Solan	—	19	—	—	332	—
Una	—	—	—	—	—	—
H. P. State Total	—	54	—	—	1,700	—

District	Pears					
	Bearing trees with No. & Area			Non-Bearing trees with No. & Area		
	No.	Area		No.	Area	
	Current	Normal		Current	Normal	
1	92	93	94	95	96	97
Bilaspur	—	—	—	—	—	—
Chamba	—	—	—	—	—	—
Hamirpur	—	—	—	—	—	—
Kangra	—	5	—	—	—	—
Kinnaur	—	—	—	—	—	—
Kullu	—	—	—	—	2	—
Lahaul & Spiti	—	—	—	—	—	—
Mandi	—	—	—	—	—	—
Shimla	—	—	—	—	—	—
Sirmaur	—	41	—	—	—	—
Solan	—	10	—	—	—	—
Una	—	—	—	—	—	—
H.P. State Total	—	56	—	—	2	—

No. IV-A—contd.

of Himachal Pradesh in 1997-98

(in hectares)

District	Plum			Lichi				
	Non-Bearing trees with No. & Area			Bearing trees with No. & Area				
	No.	Area		No.	Area			
	Current	Normal		Current	Normal			
83	84	85	86	87	88	89	90	91
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	15	—	—	138	—	—	—	—
—	40	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	20	—	—	—	—	—	—	—
—	18	—	—	4	—	—	—	—
—	—	—	—	—	—	—	—	—
—	93	—	—	142	—	—	—	—

District	Kinnu and Orange				Lemon			
	Bearing trees with No. & Area		Non-bearing trees with No. & Area		Bearing trees with No. & Area			
	No.	Area		No.	Area			
	Current	Normal		Current	Normal			
98	99	100	101	102	103	104	105	106
—	5	—	—	26	—	—	184	—
—	1,267	—	—	—	—	—	1	—
—	—	—	—	—	—	—	3	—
—	—	—	—	—	—	—	—	—
—	72	—	—	—	—	—	4	—
—	14	—	—	5	—	—	27	—
—	—	—	—	—	—	—	14	—
—	1,358	—	—	31	—	—	233	—

TABLE
Area under Food Crops in each District

District	Lemon			Mango		
	Non-Bearing trees with No. & Area			Bearing trees with No. & Area		
	No.	Area		No.	Area	
		Current	Normal		Current	Normal
1	107	108	109	110	111	112
Bilaspur	—	37	—	—	218	—
Chamba	—	—	—	—	—	—
Hamirpur	—	—	—	—	—	—
Kangra	—	147	—	—	1,372	—
Kinnaur	—	—	—	—	—	—
Kullu	—	—	—	—	—	—
Lahaul & Spiti	—	—	—	—	—	—
Mandi	—	—	—	—	—	—
Shimla	—	4	—	—	7	—
Sirmaur	—	—	—	—	310	—
Solan	—	5	—	—	134	—
Una	—	—	—	—	—	—
H. P. State Total	—	193	—	—	2,041	—

District	Others					
	Bearing trees with No. & Area			Non-bearing trees with No. & Area		
	No.	Area		No.	Area	
		Current	Normal		Current	Normal
1	122	123	124	125	126	127
Bilaspur	—	38	—	—	—	—
Chamba	—	—	—	—	—	—
Hamirpur	—	—	—	—	81	—
Kangra	—	2,323	—	—	2,124	—
Kinnaur	—	—	—	—	—	—
Kullu	—	4	—	—	—	—
Lahaul & Spiti	—	—	—	—	3	—
Mandi	—	5,524	—	—	—	—
Shimla	—	—	—	—	—	—
Sirmaur	—	34	—	—	—	—
Solan	—	100	—	—	55	—
Una	—	679	—	—	—	—
H. P. State Total	—	8,702	—	—	2,263	—

No. IV-A—contd.
of Himachal Pradesh in 1997-98

(in hectares)

	Mango			Guava					
	Non-Bearing trees with No. & Area			Bearing trees with No. & Area		Non-Bearing trees with No. & Area			
	No.	Area		No.	Area		No.	Area	
		Current	Normal		Current	Normal		Current	Normal
113	114	115	116	117	118	119	120	121	
—	74	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	2	—	
—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	
—	2	—	—	8	—	—	—	—	
—	—	—	—	8	—	—	—	—	
—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	
—	76	—	—	16	—	—	—	—	
—	—	—	—	—	—	—	8	—	

	Total Fresh Fruits					
	Bearing trees with No. & Area			Non-bearing trees with No. & Area		
	No.	Area		No.	Area	
		Current	Normal		Current	Normal
128	129	130	131	132	133	
—	447	—	—	137	—	
—	2,080	1,682	—	—	—	
—	—	—	—	81	—	
—	5,172	—	—	2,332	—	
—	1,891	1,741	—	292	—	
—	6,799	6,762	—	135	—	
—	24	17	—	28	—	
—	6,320	3,574	—	—	—	
—	20,380	20,579	—	5,243	—	
—	1,616	779	—	—	—	
—	737	34	—	111	—	
—	679	—	—	—	—	
—	46,145	35,168	—	8,359	—	

TABLE

Area under Food Crops in each District

District	Dry					
	Walnut					
	Bearing trees with No. & Area			Non-bearing trees with No. & Area		
	Area		No.	Area		No.
No.	Current Normal	Current		Normal		
1	134	135	136	137	138	139
Bilaspur	—	—	—	—	—	—
Chamba	—	—	—	—	—	—
Hamirpur	—	—	—	—	—	—
Kangra	—	—	—	—	—	—
Kinnaur	—	10	—	—	7	—
Kullu	—	—	—	—	—	—
Lahaul & Spiti	—	—	—	—	—	—
Mandi	—	—	—	—	—	—
Shimla	—	—	—	—	—	—
Sirmaur	—	5	—	—	—	—
Solan	—	4	—	—	—	—
Una	—	—	—	—	—	—
H. P. State Total	—	19	—	—	7	—

District	Chilgoza			Others		
	Non-Bearing trees with No. & Area			Bearing trees with No. & Area		
	Area		No.	Area		No.
	No.	Current Normal		Current	Normal	
1	149	150	151	152	153	154
Bilaspur	—	—	—	—	—	—
Chamba	—	—	—	—	—	—
Hamirpur	—	—	—	—	—	—
Kangra	—	—	—	—	—	—
Kinnaur	—	—	—	—	—	—
Kullu	—	—	—	—	—	—
Lahaul & Spiti	—	—	—	—	—	—
Mandi	—	—	—	—	—	—
Shimla	—	—	—	—	—	—
Sirmaur	—	—	—	—	—	—
Solan	—	—	—	—	—	—
Una	—	—	—	—	—	—
H. P. State Total	—	—	—	—	—	—

No. IV-A—contd.

of Himachal Pradesh in 1997-98

(in hectares)

Fruits	Almonds						Chilgoza		
	Bearing trees with No. & Area			Non-bearing trees with No. & Area			Bearing trees with No. & Area		
	No.	Area		No.	Area		No.	Area	
		Current	Normal		Current	Normal		Current	Normal
140	141	142	143	144	145	146	147	148	
—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	
—	106	—	—	42	—	—	312	—	
—	37	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	
—	1	—	—	—	—	—	—	—	
—	256	—	—	19	—	—	—	—	
—	8	—	—	—	—	—	—	—	
—	1	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	
—	409	—	—	61	—	—	312	—	

Others	Other Dry Fruits								
	Non-Bearing trees with No. & Area		Bearing trees with No. & Area		Non-Bearing trees with No. & Area				
	No.	Area		No.	Area		No.	Area	
		Current	Normal		Current	Normal		Current	Normal
155	156	157	158	159	160	161	162	163	
—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	
—	—	—	—	9	—	—	—	—	
—	—	—	—	167	—	—	—	41	
—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	
—	—	—	—	176	—	—	—	41	

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TABLE

Area under Food Crops in each District

District	Total Dry Fruits					
	Bearing trees with No. & Area			Non-bearing trees with No. & Area		
	No.	Area		No.	Area	
		Current	Normal		Current	Normal
1	164	165	166	167	168	169
Bilaspur	—	—	—	—	—	—
Chamba	—	—	—	—	—	—
Hamirpur	—	—	—	—	—	—
Kangra	—	9	—	—	—	—
Kinnaur	—	595	—	—	90	—
Kullu	—	37	—	—	—	—
Lahaul & Spiti	—	—	—	—	—	—
Mandi	—	1	—	—	—	—
Shimla	—	256	—	—	19	—
Sirmaur	—	13	—	—	—	—
Solan	—	5	—	—	—	—
Una	—	—	—	—	—	—
H. P. State Total	—	916	—	—	109	—

Vegetables

Potatoes

District	Potatoes					
	Kharif		Rabi		Peas	
	Current	Normal	Current	Normal	Current	Normal
1	176	177	178	179	180	181
Bilaspur	—	26	13	16	51	93
Chamba	585	521	35	17	—	252
Hamirpur	—	11	17	5	—	—
Kangra	162	143	1,284	2,162	—	—
Kinnaur	239	282	—	—	524	428
Kullu	755	993	898	57	214	298
Lahaul & Spiti	925	946	—	—	—	—
Mandi	1,977	2,319	226	169	2,450	2,176
Shimla	4,930	6,738	792	342	4,805	3,648
Sirmaur	1,061	1,324	406	291	—	—
Solan	16	116	122	72	—	—
Una	127	309	302	198	19	—
H. P. State Total	10,777	13,728	4,095	3,329	8,063	6,895

No. IV-A—contd.

of Himachal Pradesh in 1997-98

(in hectares)

District	Total Fruits (Fresh and Dry)					
	Bearing trees with No. & Area			Non-bearing trees with No. & Area		
	No.	Area		No.	Area	
		Current	Normal		Current	Normal
170	171	172	173	174	175	
—	—	447	—	—	137	—
—	—	2,080	1,682	—	—	—
—	—	—	—	—	81	—
—	—	5,181	—	—	2,332	—
—	—	2,486	1,741	—	382	—
—	—	6,836	6,762	—	135	—
—	—	24	17	—	28	—
—	—	6,321	3,574	—	—	—
—	—	20,636	20,579	—	5,262	—
—	—	1,629	779	—	—	—
—	—	742	34	—	111	—
—	—	679	—	—	—	—
—	—	47,061	35,168	—	8,468	—

Vegetables

District	Vegetables									
	Sweet Potatoes		Onion		Tomato		Lady Finger		Cabbage & Cauliflower	
	Current	Normal	Current	Normal	Current	Normal	Current	Normal	Current	Normal
182	183	184	185	186	187	188	189	190	191	
—	—	62	70	164	91	2	3	9	9	
—	—	50	45	4	13	2	4	2	—	
—	—	30	37	—	—	13	2	—	11	
50	—	226	263	26	12	45	185	30	2	
1	—	—	—	1	—	—	—	16	23	
—	103	22	22	141	134	—	—	116	—	
—	—	—	—	—	—	—	—	—	2	
—	—	101	86	118	113	15	22	144	69	
—	328	25	10	180	156	11	—	1,999	1,187	
—	341	119	148	1,036	772	5	11	225	107	
—	—	36	35	1,877	1,546	17	7	64	64	
—	—	88	94	9	19	11	35	53	70	
51	772	760	810	3,556	2,856	121	269	2,658	1,544	

TABLE

Area under Food Crops in each District

District	Others (Specify)		Total Condiments and Spices		Other Misc. Food Crops	
	Current	Normal	Current	Normal	Current	Normal
	1	223	224	225	226	227
Bilaspur	6	1	192	187	—	—
Chamba	16	21	150	133	—	—
Hamirpur	2	11	60	57	—	—
Kangra	2	10	101	124	—	—
Kinnaur	—	2	4	12	—	—
Kullu	12	60	397	279	—	—
Lahaul & Spiti	—	—	—	—	—	—
Mandi	16	75	334	459	—	—
Shimla	—	50	708	534	—	—
Sirmaur	9	95	1,507	2,058	—	—
Solan	—	1	328	263	—	—
Una	5	25	37	96	—	—
H. P. State Total	68	351	3,818	4,202	—	—

TABLE

Area under Non Food Crops in each District

District	Fibres					
	Cotton					
	Desi		American		Total	
	Current	Normal	Current	Normal	Current	Normal
1	230	231	232	233	234	235
Bilaspur	4	4	—	—	4	4
Chamba	—	5	—	—	—	5
Hamirpur	4	2	—	—	4	2
Kangra	38	32	—	—	38	32
Kinnaur	—	—	—	—	—	—
Kullu	—	—	—	—	—	—
Lahaul & Spiti	—	—	—	—	—	—
Mandi	—	—	—	—	—	—
Shimla	—	—	—	—	—	—
Sirmaur	16	33	—	—	16	33
Solan	17	22	—	—	17	22
Una	6	7	—	—	6	7
H. P. State Total	85	105	—	—	85	105

No. IV-A—Concid.

of Himachal Pradesh in 1997-98

(in hectares)

Total Food Crops	
Current	Normal
228	229
58,574	60,454
63,380	64,616
71,243	74,356
2,08,344	1,99,987
9,911	9,542
62,307	58,804
3,166	3,428
1,60,808	1,61,306
1,05,785	1,14,064
75,174	77,743
62,146	65,161
71,176	69,389
9,52,014	9,58,850

No. IV-B

of Himachal Pradesh in 1997-98

(in hectares)

Fibres							
Hemp		Other fibres (Specify)				Total Fibres	
Current	Normal	Current	Normal	Current	Normal	Current	Normal
236	237	238	239	240	241	242	243
1	1	—	—	—	—	5	5
—	—	—	—	—	—	—	5
—	—	—	—	—	—	4	2
10	40	31	—	—	—	79	72
—	96	—	—	—	—	—	96
—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—
1	—	—	—	—	—	17	33
—	6	—	—	—	—	17	28
45	53	—	—	—	—	51	60
57	196	31	—	—	—	173	301

TABLE

Area under Non Food Crops in each District

District	Oil							
	Edible							
	Groundnut		Taramira		Sesamum		Rape (Toriya) Seeds	
	Current	Normal	Current	Normal	Current	Normal	Current	Normal
1	244	245	246	247	248	249	250	251
Bilaspur	1	4	—	—	159	373	—	3
Chamba	—	—	—	—	63	68	—	1,535
Hamirpur	—	—	—	—	33	146	—	175
Kangra	—	—	—	—	3,256	4,969	—	—
Kinnaur	—	—	—	—	—	—	—	580
Kullu	10	—	—	—	2	—	—	—
Lahaul & Spiti	—	—	—	—	—	—	—	—
Mandi	23	8	—	—	79	107	1	—
Shimla	9	10	—	—	46	79	—	—
Sirmaur	29	43	—	—	209	409	5	13
Solan	218	287	—	—	399	421	—	270
Una	7	24	—	—	771	995	1	485
H.P. State Total	297	376	—	—	5,017	7,567	7	3,061

District	Non-Edible							
	Total Non-Edible Oilseeds							
	Linseed		Taramira		Other (Specify)		Total Non-Edible Oilseeds	
	Current	Normal	Current	Normal	Current	Normal	Current	Normal
1	260	261	262	263	264	265	266	267
Bilaspur	1	3	145	188	—	—	146	191
Chamba	58	68	—	—	—	—	58	68
Hamirpur	2	6	21	23	—	—	23	29
Kangra	2,583	4,078	94	112	—	—	2,677	4,190
Kinnaur	—	—	—	—	—	—	—	—
Kullu	—	—	—	—	—	—	—	—
Lahaul & Spiti	—	—	—	—	—	—	363	550
Mandi	347	536	16	14	—	—	—	—
Shimla	—	—	—	—	—	—	200	267
Sirmaur	1	—	199	267	—	—	684	939
Solan	—	—	650	738	34	108	535	552
Una	7	30	528	522	—	—	—	—
H. P. State Total	2,999	4,721	1,653	1,864	34	108	4,686	6,786

No. IV-B—contd.

of Himachal Pradesh in 1997-98

(in hectares)

Seeds	Edible							
	Mustard		Soyabean		Other (Specify)		Total Edible Oilseeds	
	Current	Normal	Current	Normal	Current	Normal	Current	Normal
	252	253	254	255	256	257	258	259
319	324	15	11	—	7	494	772	
2,797	2,506	1	—	—	—	2,861	4,109	
170	170	—	—	—	—	203	491	
1,612	1,628	99	104	—	—	4,967	6,701	
4	35	—	—	—	—	4	35	
767	653	—	—	—	3	779	1,236	
20	19	—	—	—	—	20	19	
472	501	381	313	2	3	958	932	
1,117	987	14	22	4	5	1,190	1,103	
838	750	42	62	—	1	1,123	1,278	
441	605	18	11	189	—	1,265	1,594	
829	716	—	—	—	6	1,608	2,226	
9,386	8,894	570	523	195	25	15,472	20,446	

Total Oilseeds	Dyes and Tanning Materials							
	Acacia (Kikar)		Others (Specify)		Total			
	Current	Normal	Current	Normal	Current	Normal	Current	Normal
	268	269	270	271	272	273	274	275
640	913	—	—	—	—	—	—	
2,919	4,177	—	—	—	—	—	—	
226	520	—	—	—	—	—	—	
7,644	10,891	—	—	—	—	—	—	
4	35	—	—	—	—	—	—	
779	1,236	—	—	—	—	—	—	
20	19	—	—	—	—	—	—	
1,321	1,482	—	—	—	—	—	—	
1,190	1,103	—	—	—	—	—	—	
1,323	1,545	—	—	—	—	—	—	
1,949	2,533	—	—	—	—	—	—	
2,143	2,778	—	—	46	27	46	27	
20,158	27,232	—	—	46	27	46	27	

TABLE

Area under Non Food Crops in each District

District	Drugs and							
	Tobacco		Tea		Bhang or Indian Hemp		Poppy (Opium)	
	Current	Normal	Current	Normal	Current	Normal	Current	Normal
1	276	277	278	279	280	281	282	283
Bilaspur	1	6	—	—	—	—	—	—
Chamba	23	35	—	—	—	—	—	—
Hamirpur	—	—	—	—	—	—	—	—
Kangra	—	—	2,804	2,778	—	—	—	—
Kinnaur	—	—	—	—	—	—	—	—
Kullu	5	28	—	—	2	—	—	—
Lahaul & Spiti	—	—	—	—	—	—	—	—
Mandi	6	1	454	453	176	—	—	—
Shimla	68	—	—	—	—	—	—	—
Sirmaur	1	14	—	—	—	—	—	—
Solan	—	—	—	—	—	—	—	—
Una	1	3	—	—	—	—	—	—
H.P. State Total	105	87	3,258	3,231	178	—	—	—

District	Total fodder crops		Other Misc.		Non-Food Crops (Specify)	
	Current	Normal	Current	Normal	Current	Normal
	1	294	295	296	297	298
Bilaspur	130	216	1	—	—	—
Chamba	13	27	—	—	—	—
Hamirpur	181	178	—	—	—	—
Kangra	3,696	3,977	—	—	—	—
Kinnaur	2	—	2	2	—	—
Kullu	15	35	—	—	—	—
Lahaul & Spiti	—	—	57	51	—	—
Mandi	870	915	34	23	—	—
Shimla	14	—	—	—	—	—
Sirmaur	1,898	2,945	24	23	—	—
Solan	1,508	3,003	—	—	—	—
Una	1,812	3,114	—	—	—	—
H.P. State Total	10,139	14,410	188	99	—	—

No. IV-B—concl'd.

of Himachal Pradesh in 1997-98

(in hectares)

Narcotics	Fodder Crops									
	Other (Specify)		Total		Barseem & Lucerne		Chari		Others (Specify)	
	Current	Normal	Current	Normal	Current	Normal	Current	Normal	Current	Normal
284	285	286	287	288	289	290	291	292	293	
—	—	1	6	76	145	54	68	—	3	
2	—	25	35	12	24	—	—	1	3	
—	—	—	—	158	161	17	17	6	—	
13	—	2,817	2,778	2,634	3,189	1,062	788	—	—	
51	—	51	—	2	—	—	—	—	—	
—	—	7	28	15	21	—	—	—	14	
75	—	75	—	—	—	—	—	—	—	
—	—	636	454	766	801	55	41	49	73	
8	—	76	—	9	—	2	—	3	—	
—	—	1	14	585	1,650	1,180	1,168	133	127	
—	—	—	—	162	1,578	1,326	1,425	20	—	
—	—	1	3	475	1,900	753	1,174	584	40	
149	—	3,690	3,318	4,894	9,469	4,449	4,681	796	260	

Total Non-Food Crops		Total Food & Non-food Crops	
Current	Normal	Current	Normal
300	301	302	303
777	1,140	59,351	61,594
2,957	4,244	66,337	68,860
411	700	71,654	75,056
14,236	17,718	2,22,580	2,17,705
59	37	9,970	9,579
801	1,395	63,108	60,199
152	70	3,318	3,498
2,861	2,874	1,63,669	1,64,180
1,280	1,103	1,07,065	1,15,167
3,253	4,560	78,437	82,303
3,520	5,591	65,666	70,752
4,007	5,955	75,183	75,344
34,324	45,387	9,86,338	10,04,237

TABLE

Details of Cropped area in each

District	Gross Cropped Area							Grand Total
	Kharif		Rabi*		Total			
	Food Crops	Non-Food Crops	Food Crops	Non-Food Crops	Food Crops	Non-Food Crops		
1	2	3	4	5	6	7	8	
Bilaspur	30,229	234	28,345	543	58,574	777	59,351	
Chamba	38,788	90	24,592	2,867	63,380	2,957	66,337	
Hamirpur	36,108	54	35,135	357	71,243	411	71,654	
Kangra	1,05,326	7,269	1,03,018	6,967	2,08,344	14,236	2,22,580	
Kinnaur	7,281	53	2,630	6	9,911	59	9,970	
Kullu	32,691	22	29,616	779	62,307	801	63,108	
Lahaul & Spiti	1,204	132	1,962	20	3,166	152	3,318	
Mandi	84,467	961	76,341	1,900	1,60,808	2,861	1,63,669	
Shimla	68,125	84	37,660	1,196	1,05,785	1,280	1,07,065	
Sirmaur	40,569	1,634	34,605	1,629	75,174	3,263	78,437	
Solan	33,361	2,000	23,785	1,520	62,146	3,520	65,666	
Una	37,644	2,134	33,532	1,873	71,176	4,007	75,183	
H.P. State Total ..	5,15,793	14,667	4,36,221	19,657	9,52,014	34,324	9,86,338	

*The season may be according to the recognised customs of the State.

TABLE

Standard Yield per Hect. of the Principal Crops

District	CEREALS					
	Rice			Maize		
	Standard	Condition factor	Current	Standard	Condition factor	Current
1	2	3	4	5	6	7
Bilaspur	—	—	1592.567	—	—	1788.183
Chamba	—	—	1746.241	—	—	2721.279
Hamirpur	—	—	1451.202	—	—	1274.983
Kangra	—	—	1251.936	—	—	1424.759
Kinnaur	—	—	1397.627	—	—	1990.257
Kullu	—	—	1328.356	—	—	2121.052
Lahaul & Spiti	—	—	—	—	—	1990.257
Mandi	—	—	1330.443	—	—	2586.558
Shimla	—	—	1213.856	—	—	1984.941
Sirmaur	—	—	1746.451	—	—	2589.104
Solan	—	—	1921.200	—	—	2123.829
Una	—	—	2300.171	—	—	1738.646
State Average	—	—	1397.627	—	—	1990.257

No. IV-C

District of Himachal Pradesh in 1997-98

(in hectare)

Area Cropped more than once	Net Cropped Area	Cropped area of Forecast Crops		Area Under Mixed Sowing		Crop at the rate of mixture				
		Mustard	Failed	Wheat Barley (Cropmix)		Gross area under (Unadjusted)		Net area under		Total Unadjusted area under mixture
				Wheat	Barley	Wheat	Barley	Wheat	Barley	
9	10	11	12	13	14	15	16	17	18	
28,580	30,771	—	—	—	—	—	—	—	—	
23,950	42,387	—	—	—	—	—	—	—	—	
35,236	36,418	—	—	—	—	—	—	—	—	
1,03,522	1,19,058	—	—	—	—	—	—	—	—	
2,368	7,602	—	—	—	—	—	—	—	—	
26,505	36,603	—	—	—	—	—	—	—	—	
80	3,238	—	—	—	—	—	—	—	—	
72,542	91,127	—	—	—	—	—	—	—	—	
36,006	71,059	—	—	—	—	—	—	—	—	
36,236	42,201	—	—	—	—	—	—	—	—	
26,228	39,438	—	—	—	—	—	—	—	—	
34,931	40,252	—	—	—	—	—	—	—	—	
4,26,184	5,60,154	—	—	—	—	—	—	—	—	

No. V-A

in each District of Himachal Pradesh in 1997-98

Standard	CEREALS					
	Jowar or Cholum			Bajra or Cumbu		
	Standard	Condition factor	Current	Standard	Condition factor	Current
8	9	10	11	12	13	
—	—	—	553	—	—	
—	—	—	553	100	553	
—	—	—	553	100	553	
—	—	—	—	—	—	
—	—	—	—	—	—	
—	—	—	553	100	553	
—	—	—	—	—	—	
—	—	—	553	100	553	
—	—	—	—	—	—	
—	—	—	—	—	—	
—	—	—	—	—	553	

TABLE
AGRICULTURAL CENSUS AS PER CENSUS
Number and Area of operational holding by size classes

Sl. No.	Size class (ha.)	Individual holdings		Joint holdings	
		Number	Area	Number	Area
1	2	3	4	5	6
1.	Below 0.5	3,60,136	89,564	1,279	307
2.	0.5-1.0	1,93,331	1,39,727	756	560
	Marginal	5,53,467	2,29,291	2,035	867
3.	1.0-2.0	1,72,787	2,39,586	565	728
	Small	1,72,787	2,39,586	565	728
4.	2.0-3.0	65,505	1,55,726	172	395
5.	3.0-4.0	29,083	98,489	72	231
	Semi-Medium	94,568	2,54,215	244	626
6.	4.0-5.0	14,929	65,691	44	180
7.	5.0-7.5	14,184	84,742	60	316
8.	7.5-10.0	5,017	42,872	25	197
	Medium	34,130	1,93,305	129	693
9.	10.0-20.0	3,898	51,244	17	239
10.	20.0 & above	728	23,536	7	203
	Large	4,626	74,780	24	442
	All Sizes	8,59,598	9,91,177	2,997	3,356

Note.—Similar Tables have to be prepared separately for Scheduled Castes and

No. IX
1995-96 STATE TOTALS
and type of holdings for all social groups

(Area in hectares)

Sub-Total		Institutional holdings		Total holdings	
Number	Area	Number	Area	Number	Area
7	8	9	10	11	12
3,61,415	89,871	270	60	3,61,685	89,931
1,94,087	1,40,287	119	87	1,94,206	1,40,374
5,55,502	2,30,158	389	147	5,55,891	2,30,305
1,73,352	2,40,314	114	169	1,73,466	2,40,483
1,73,352	2,40,314	114	169	1,73,466	2,40,483
65,677	1,56,121	60	138	65,737	1,56,259
29,155	98,720	65	216	29,220	98,936
94,832	2,54,841	125	354	94,957	2,55,195
14,973	65,871	27	122	15,000	65,993
14,244	85,058	55	351	14,209	85,409
5,042	43,069	36	311	5,078	43,380
34,259	1,93,998	118	784	34,377	1,94,782
3,915	51,483	55	731	3,970	52,214
735	23,739	41	2,382	776	26,121
4,650	75,222	96	3,113	4,746	78,335
8,62,595	9,94,553	842	4,567	8,63,437	9,99,100

Scheduled Tribes and Others.

Instructions and Explanations for Filling up the Tables

SUMMARY TABLES

The Summary Tables are to be extracted from the detailed tables which follow. They are included for people interested only in state figures and the agricultural trends in the state.

The summary tables should, therefore, give the state figures for the current year and to facilitate comparison, the corresponding figures for the preceding four years with the exception of table G and H where comparative figures are to be given for the previous year and the last two censuses respectively.

The summary tables should cover all the tables given in the report except rainfall since the average rainfall for a state is rather a vague concept and may be misleading.

The relationship of the summary tables to the main tables is shown below:—

Summary Tables	Main Table(s) to which it relates
A	Table II
B	Table IIIA
C	Table IIIB
D	Table IV A, IV B & IV C
E	Table V A & V B
F	Table VI
G	Table VII
H	Table VIII

1. Rainfall (Table I)

1.1 The rainfall statement should give the amount of rainfall received in each month of the different season by the different districts of the State. The rainfall for the district will be the average rainfall of all the rain recording stations situated in the district.

1.2 The total number of rainy days in the season will give an indication of the spread of rainfall.

1.3 The number of season into which the year may be divided will depend upon the local rainfall conditions, and the recognised seasons may be adopted for this purpose. It may, therefore, not be possible to prescribe any rigid season for all the states. However, the following

divisions may suit to the states with the exception of a few who, because of different climatic conditions in their regions, may give rainfall figures for other recognised rainfall seasons :

1. 1st June to 30th September (Monsoon).
2. 1st October to 30th December (Post-monsoon).
3. 1st January to 31st March (Winter).
4. 1st April to 31st May (Pre-monsoon).

2. Classification of Area (Table II)

2.1 This Table is in conformity with the revised classification agreed to by all the States for Table II of the Indian Agricultural Statistics. It is included to indicate broadly the utilization of land.

3. Sources of Water Supply, Area Irrigated there from and Irrigated Area Under Crops (Table III A and B)

3.1 The information required to be given under this head is of two types viz.

- (i) the size of each of the different types of sources of winter supply and
- (ii) the areas irrigated by each of them separately.

3.2 Irrigation plays such an important part in agriculture that it is absolutely essential for all the States to keep a detailed record of the available sources of irrigation and the areas irrigated by them. With this end in view it is now proposed that as regards item No. (i) above, all the states reports should show:

- (a) The number of Government canals.
- (b) The number of tube-wells, Government and Private, the number of wells in use for irrigation purposes only, the number of wells used for domestic purposes only, and the number of wells not in use. The second category is further divided and sub-divided into the following categories :

Government—Masonry and non-masonry

Private Masonry and non-masonry.

- (c) The number of reservoirs
- (d) The number of tanks divided into three parts viz. :
 - (i) with ayacut less than 100 hect;
 - (ii) with ayacut 100 hect. or more;

(iii) total; and

(e) The number of oil-engines.

3.3 As regards item (ii) above viz. classification of the total irrigated area according to the sources of irrigation the classification given here is identical with that in the Indian Agricultural Statistics.

3.4 Other miscellaneous details like the number of wells having independent ayacuts, number of wells supplementing recognised sources of irrigation and percentage of area irrigated by wells having independent ayacuts to the total area irrigated etc., may also be shown in this table where available.

3.5 Table III B shows the total irrigated (Gross) acreage under each crop in each district/tehsil. This information is essential since the normal rates of outturn for irrigated and unirrigated tracts under any crop differ widely from each other and it is essential for forming a correct estimate of the total outturn, to know separately the irrigated and unirrigated areas under all the crops.

4. Total Area Under Specified Crops (Tables IV A, B and C)

4.1 The purpose of table IV is to show area shown in different crops. For this table the crops are first divided into two classes i. e. under food and non-food crops. Each of these are further sub-divided into various groups. To have detailed information regarding the utilization of area under the different groups, the list of crops in the manual has been made very comprehensive. Where the crops given in the manual are not grown, they may be omitted from the list. With a view to make the table less unwieldy, the table has been split up into two (Tables IV A & IV B) giving the areas under food and non-food crops respectively.

4.2 The normal figures are to be given in all cases, normal area under any crop taken to be the average of the area under the crop in the previous five years. In addition to tables IV A & IV B, another table IV C may be given in all the Season and Crop Reports showing the gross cropped area in the year sub-divided according to the two (or more) main agricultural seasons viz. Kharif and Rabi (Districts having agricultural seasons other than Kharif and Rabi may give figures for their own seasons) the area cropped more than once and the net cropped area.

4.3 The total matured and failed cropped area of the final forecast report is to be given in this table. Area sown under the various crops in this table is the aggregate of the matured and failed area. Area sown under each crop represents the area actually sown, irrespective of weather the crop reaches maturity or not except in cases where the land after the failure of the first crop is devoted to another crop.

4.4 To have an idea of the extent to which mixed sowings take place for major crops, the gross unadjusted acreage under the various major

crop-mixtures may also be shown for which columns have been provided in this table.

5. Out-turn of crops (Tables V A and B)

5.1 Under this head information is required on the following points: -

(a) The standard yield per hectare, the seasonal factor, and the yield per hectare attained in the year under report.

The standard or normal yield represents the average out-turn on an average soil in a year of average character. The estimates of production are obtained as a product of 'Area' multiply by 'Normal Yield' and again multiply by 'Condition Factor'. The revision of normal yield is ordinarily made once in five years.

TABLE

Standard Yield per Hect. of the Principal Crops

District	Gram			Red Gram or (Arhar)		
	Standard	Condition factor	Current	Standard	Condition factor	Current
1	41	42	43	44	45	46
Bilaspur	947	100	947	253	100	253
Chamba	347	100	347	—	—	—
Hamirpur	347	90	312	—	—	—
Kangra	870	80	696	230	100	230
Kinnaur	—	—	—	—	—	—
Kullu	347	100	347	230	80	184
Lahaul & Spiti	—	—	—	519	100	519
Mandi	1,001	90	901	—	—	—
Shimla	1,225	67	821	230	100	230
Sirmaur	1,076	95	1,022	—	—	—
Solan	1,177	100	1,177	230	100	230
Una	1,321	100	1,321	—	—	—
State Average ..	—	—	789	—	—	274

FOOD

District	Peas			Sugarcane		
	Standard	Condition factor	Current	Standard	Condition factor	Current
1	56	57	58	59	60	61
Bilaspur	1,329	—	—	7,973	100	7,973
Chamba	1,329	80	1,063	—	—	—
Hamirpur	—	—	—	1,300	100	1,300
Kangra	1,693	80	1,354	1,625	90	1,463
Kinnaur	524	—	—	—	—	—
Kullu	1,329	80	1,063	—	—	—
Lahaul & Spiti	5,533	100	5,533	—	—	—
Mandi	1,329	—	—	7,385	100	7,385
Shimla	1,329	—	—	—	—	—
Sirmaur	1,289	100	1,289	2,490	100	2,490
Solan	1,329	80	1,063	1,348	100	1,348
Una	1,329	—	—	16,487	90	14,833
State Average ..	—	—	1,894	—	—	5,257

No. V-A—contd.

in each District of Himachal Pradesh in 1997-98

Standard	Condition factor	Current	Black Gram or Urd (Mash)			Horse Gram (Kulth)			Masur		
			Standard	Condition factor	Current	Standard	Condition factor	Current	Standard	Condition factor	Current
47	48	49	50	51	52	53	54	55			
625	89	556	625	90	563	329	100	329			
423	92	389	423	80	338	329	80	263			
521	90	469	521	92	479	329	80	263			
521	90	469	521	80	417	329	75	247			
1,530	100	1,530	—	—	—	1,481	100	1,481			
247	95	235	247	60	148	329	100	329			
950	75	713	988	100	988	329	80	263			
394	67	264	394	70	276	329	70	230			
380	68	258	380	75	285	526	60	316			
157	100	157	261	80	209	1,318	62	817			
383	90	345	383	90	344	800	90	729			
—	—	490	—	—	405	—	—	479			

CROPS

Standard	Condition factor	Current	Ginger			Cardamom		
			Standard	Condition factor	Current	Standard	Condition factor	Current
62	63	64	65	66	67			
2,459	100	2,459	—	—	—			
1,223	89	1,088	—	—	—			
1,223	97	1,186	—	—	—			
—	—	—	—	—	—			
—	—	—	—	—	—			
1,025	98	1,005	—	—	—			
2,463	90	2,217	—	—	—			
1,734	95	1,648	—	—	—			
1,223	100	1,223	—	—	—			
1,223	90	1,101	—	—	—			
—	—	1,491	—	—	—			

TABLE

Standard Yield per Hect. of the Principal Crops

District	Non-								
	Sesamum			Rape Seeds			Mustard		
	Standard	Condition factor	Current	Standard	Condition factor	Current	Standard	Condition factor	Current
1	140	141	142	143	144	145	146	147	148
Bilaspur	502	90	497	—	—	—	833	100	833
Chamba	348	88	306	—	—	—	284	97	275
Hamirpur	650	90	585	—	—	—	833	87	725
Kangra	650	100	650	—	—	—	833	95	791
Kinnaur	—	—	—	—	—	—	1,463	100	1,463
Kullu	523	100	523	—	—	—	833	85	708
Lahaul & Spiti	523	—	—	—	—	—	1,483	100	1,483
Mandi	523	100	523	—	—	—	209	100	209
Shimla	277	100	277	—	—	—	478	90	430
Sirmaur	471	100	471	—	—	—	531	97	515
Solan	331	90	298	—	—	—	478	90	430
Una	315	70	221	—	—	—	975	80	780
State Average ..			435	—	—	—	—	—	720

District	Caster			Soyabean			Sunflower		
	Standard	Condition factor	Current	Standard	Condition factor	Current	Standard	Condition factor	Current
	1	158	159	160	161	162	163	164	165
Bilaspur	—	—	—	1,635	100	1,635	—	—	—
Chamba	—	—	—	—	—	—	—	—	—
Hamirpur	—	—	—	1,635	—	—	—	—	—
Kangra	—	—	—	—	—	—	—	—	—
Kinnaur	—	—	—	1,635	—	—	—	—	—
Kullu	—	—	—	—	—	—	—	—	—
Lahaul & Spiti	—	—	—	—	—	—	—	—	—
Mandi	—	—	—	1,635	100	1,635	—	—	—
Shimla	—	—	—	1,635	90	1,471	—	—	—
Sirmaur	—	—	—	369	90	332	—	—	—
Solan	—	—	—	1,635	100	1,632	—	—	—
Una	—	—	—	—	—	—	—	—	—
State Average ..				—	—	1,341	—	—	—

No. V-A—contd.

in each District of Himachal Pradesh in 1997-98

Food Crops	Non-								
	Linseed			Groundnut			Taramira		
	Standard	Condition factor	Current	Standard	Condition factor	Current	Standard	Condition factor	Current
1	149	150	151	152	153	154	155	156	157
Bilaspur	293	100	293	465	100	465	581	90	523
Chamba	184	92	169	—	—	—	—	—	—
Hamirpur	277	100	277	465	—	—	581	100	581
Kangra	277	100	277	465	—	—	581	89	517
Kinnaur	—	—	—	465	—	—	—	—	—
Kullu	—	—	—	465	100	465	—	—	—
Lahaul & Spiti	—	—	—	465	—	—	—	—	—
Mandi	106	70	74	465	100	465	209	100	209
Shimla	—	—	—	465	100	465	—	—	—
Sirmaur	277	100	277	465	100	465	611	98	599
Solan	—	—	—	1,419	100	1,419	975	100	975
Una	636	100	636	1,042	100	1,042	360	100	360
State Average ..			616	—	—	684	—	—	538

Food Crops	Non-								
	Tobacco			Acasia			Tea		
	Standard	Condition factor	Current	Standard	Condition factor	Current	Standard	Condition factor	Current
1	167	168	169	170	171	172	173	174	175
Bilaspur	1,149	100	1,149	—	—	—	—	—	—
Chamba	1,149	100	1,149	—	—	—	—	—	—
Hamirpur	—	—	—	—	—	—	—	—	—
Kangra	1,149	—	—	—	—	—	—	—	—
Kinnaur	—	—	—	—	—	—	—	—	—
Kullu	—	—	—	—	—	—	—	—	—
Lahaul & Spiti	1,149	100	1,149	—	—	—	—	—	—
Mandi	—	—	—	—	—	—	—	—	—
Shimla	2,017	100	2,017	—	—	—	—	—	—
Sirmaur	1,149	—	—	—	—	—	—	—	—
Solan	1,149	100	1,149	—	—	—	—	—	—
Una	—	—	—	—	—	—	—	—	—
State Average ..	2,017	100	2,017	—	—	—	—	—	—
State Average ..			1,438	—	—	—	—	—	—

Standard Yield per Hect. of the Principal Crops

District	Non-Food Crops								
	Indian Hemp			Opium			Cinchona		
	Stan- dard	Con- dition factor	Cur- rent	Stan- dard	Con- dition factor	Cur- rent	Stan- dard	Con- dition factor	Cur- rent
1	176	177	178	179	180	181	182	183	184
Bilaspur	--	--	--	--	--	--	--	--	--
Chamba	--	--	--	--	--	--	--	--	--
Hamirpur	--	--	--	--	--	--	--	--	--
Kangra	--	--	--	--	--	--	--	--	--
Kinnaur	--	--	--	--	--	--	--	--	--
Kullu	--	--	--	--	--	--	--	--	--
Lahaul & Spiti	--	--	--	--	--	--	--	--	--
Mandi	--	--	--	--	--	--	--	--	--
Shimla	--	--	--	--	--	--	--	--	--
Sirmaur	--	--	--	--	--	--	--	--	--
Solan	--	--	--	--	--	--	--	--	--
Una	--	--	--	--	--	--	--	--	--
State Average	..	--	--	--	--	--	--	--	--

No. V-A—concl.

in each District of Himachal Pradesh in 1997-98

Cotton								
Desi			American			San-Hemp		
Standard	Condi- tion factor	Current	Standard	Condi- tion factor	Current	Standard	Condi- tion factor	Current
185	186	187	188	189	190	191	192	193
568	100	568	--	--	--	--	--	--
568	95	539	--	--	--	--	--	--
568	95	539	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--
--	--	549	--	--	--	--	--	--

TABLE

Total out-turn of Principal Crops of

District	Food					
	Rice		Maize		Jowar or Cholum	
	Current	Normal	Current	Normal	Current	Normal
1	2	3	4	5	6	7
Bilaspur	4,279	2,895	47,013	44,173	—	—
Chamba	4,257	4,630	75,978	86,697	—	—
Hamirpur	4,082	5,074	41,490	54,596	—	—
Kangra	47,480	46,944	82,944	97,593	—	—
Kinnaur	32	36	836	1,008	—	—
Kullu	3,041	3,114	41,592	37,822	—	—
Lahaul & Spiti	—	—	68	79	—	—
Mandi	29,427	27,247	1,22,799	1,27,323	—	—
Shimla	3,759	5,100	35,552	49,317	—	—
Sirmaur	8,837	7,600	66,304	68,415	—	—
Solan	7,602	5,564	50,541	52,919	—	—
Una	7,648	3,496	55,567	53,107	—	—
H. P. State Total ..	1,20,444	1,11,700	6,20,684	6,73,049	—	—

District	Kodo or Varagu		Little & Common Millets		Other Millets (Specify)			
	Current	Normal	Current	Normal	Current	Normal	Current	Normal
1	18	19	20	21	22	23	24	25
Bilaspur	—	—	—	—	—	—	—	—
Chamba	—	—	446	485	—	—	—	—
Hamirpur	—	—	6	6	—	—	—	—
Kangra	—	—	69	107	—	—	—	—
Kinnaur	—	—	1,084	1,140	—	—	—	—
Kullu	—	—	395	686	—	—	—	—
Lahaul & Spiti	—	—	64	102	—	—	—	—
Mandi	—	—	597	482	—	—	—	—
Shimla	—	—	6,655	7,188	—	—	—	—
Sirmaur	—	—	758	643	—	—	—	—
Solan	—	—	—	—	—	—	—	—
Una	—	—	—	—	—	—	—	—
H.P. State Total ..	—	—	10,074	10,839	—	—	—	—

No. V-B

Himachal Pradesh in 1996-97

1997-98

(in Metric Tonnes)

Crops										
	Bajra or cumbu		Wheat		Barley		Ragi or Marua		Italian Millets	
	Current	Normal	Current	Normal	Current	Normal	Current	Normal	Current	Normal
8	9	10	11	12	13	14	15	16	17	
—	—	63,327	35,947	452	573	—	—	—	—	
—	—	29,038	25,260	5,170	5,014	—	—	—	—	
1	—	56,981	47,283	240	229	—	—	—	—	
190	—	1,32,059	1,37,103	3,153	3,981	—	—	—	—	
—	—	946	756	2,496	2,400	—	—	—	—	
—	—	43,884	47,652	5,733	5,706	—	—	—	—	
8	—	294	410	821	7,240	—	—	—	—	
—	—	1,17,278	1,09,323	8,385	6,028	—	—	—	—	
30	—	33,502	43,201	7,376	7,219	—	—	—	—	
—	—	50,470	41,883	4,032	3,009	—	—	—	—	
—	—	41,614	32,637	3,470	1,970	—	—	—	—	
—	—	71,912	63,824	7	72	—	—	—	—	
229	—	6,41,305	5,85,279	41,335	43,441	—	—	—	—	

Total Cereals	Gram		Peas		Green Gram or Moong		Red Gram or Tur or Arhar			
	Current	Normal	Current	Normal	Current	Normal	Current	Normal		
	26	27	28	29	30	31	32	33	34	35
1,15,071	83,588	261	318	—	—	—	—	—	1	—
1,14,889	1,22,086	5	60	202	—	—	—	—	—	—
1,02,800	1,07,188	11	23	—	—	—	—	—	—	—
2,65,895	2,85,728	381	546	34	52	138	—	—	1	1
5,394	5,340	—	—	—	—	—	—	—	—	—
94,645	94,980	13	26	210	160	2	—	—	197	—
1,255	7,831	—	—	6,817	6,451	—	—	—	18	13
2,78,486	2,70,403	31	43	—	—	4	—	—	—	1
85,874	1,12,025	23	24	—	—	—	—	—	—	1
1,30,401	1,21,550	356	410	2,389	1,826	—	—	—	—	2
1,03,227	93,090	904	886	1,160	1,235	—	—	—	1	180
1,35,134	1,20,499	384	272	—	—	7	—	—	—	—
14,34,071	14,24,308	2,369	2,608	10,812	9,724	151	—	—	218	198

TABLE

Total Out-turn of Principal Crops of

District	Fruits							
	Chilgoja		Walnut		Grapes		Almond	
	Current	Normal	Current	Normal	Current	Normal	Current	Normal
1	72	73	74	75	76	77	78	79
Bilaspur	—	—	—	—	—	—	—	—
Chamba	—	—	—	—	—	—	—	—
Hamirpur	—	—	—	—	—	—	—	—
Kangra	—	—	—	—	—	—	—	—
Kinnaur	—	—	—	—	—	—	—	—
Kullu	—	—	—	—	—	—	—	—
Lahaul & Spiti	—	—	—	—	—	—	—	—
Mandi	—	—	—	—	—	—	—	—
Shimla	—	—	—	—	—	—	—	—
Sirmaur	—	—	—	—	—	—	—	—
Solan	—	—	—	—	—	—	—	—
Una	—	—	—	—	—	—	—	—
H. P. State Total ..	—	—	—	—	—	—	—	—

District	Vegetables						Condiments	
	Brinjal		Lady Finger		Ginger		Turmeric	
	Current	Normal	Current	Normal	Current	Normal	Current	Normal
1	90	91	92	93	94	95	96	97
Bilaspur	—	—	—	—	293	216	8	11
Chamba	—	—	—	—	—	—	—	—
Hamirpur	—	—	—	—	8	7	18	21
Kangra	—	—	—	—	18	24	3	2
Kinnaur	—	—	—	—	—	—	—	—
Kullu	—	—	—	—	—	—	—	—
Lahaul & Spiti	—	—	—	—	—	—	—	—
Mandi	—	—	—	—	51	80	8	8
Shimla	—	—	—	—	499	384	—	—
Sirmaur	—	—	—	—	1,361	990	13	10
Solan	—	—	—	—	357	306	1	—
Una	—	—	—	—	3	1	1	8
H.P. State Total ..	—	—	—	—	2,590	2,008	52	60

No. V-B—contd.

Himachal Pradesh in 1997-98

M Ts.

Kharif	Vegetables								Peas	
	Potatoes		Rabi	Potatoes		Total	Potatoes		Tomatoes	Cabbage and Cauliflower
	Current	Normal	Current	Normal	Current	Normal	Current	Normal	Current	Normal
80	81	82	83	84	85	86	87	88	89	
—	—	90	—	90	128	—	—	—	—	
4,065	—	243	—	4,308	3,405	—	—	—	—	
—	—	118	—	118	99	—	—	—	—	
1,226	—	8,921	—	10,047	7,856	—	—	—	—	
1,450	—	—	—	1,450	1,708	—	—	—	—	
6,914	—	8,224	—	15,138	6,792	—	—	—	—	
19,403	—	—	—	19,403	23,988	—	—	—	—	
18,195	—	2,070	—	20,175	10,659	—	—	—	—	
29,915	—	4,806	—	34,721	42,449	—	—	—	—	
8,974	—	3,434	—	12,408	13,308	—	—	—	—	
135	—	1,032	—	1,167	1,043	—	—	—	—	
1,074	—	2,554	—	3,628	3,250	—	—	—	—	
91,161	—	31,492	—	1,22,653	1,14,685	—	—	—	—	

and Spices	Cardamom				Chillies		Zeera		Garlic		Coriander	
	Current		Normal		Current	Normal	Current	Normal	Current	Normal	Current	Normal
	98	99	100	101	102	103	104	105	106	107		
—	—	2	4	—	—	63	57	1	—			
—	—	8	9	—	—	42	46	5	5			
—	—	1	—	—	—	24	39	—	—			
—	—	2	17	—	—	90	650	1	—			
—	—	35	32	—	—	203	200	32	16			
—	—	—	—	—	—	—	—	—	—			
—	—	44	40	—	—	16	90	5	3			
—	—	56	44	—	—	24	18	161	28			
—	—	194	201	—	—	236	245	37	—			
—	—	2	1	—	—	35	30	—	—			
—	—	2	3	—	—	9	300	1	—			
—	—	346	351	—	—	742	1,675	243	52			

TABLE

Total Outturn of Principal Crops of

District	Condiments & Spices								Non-Food	
	Other (Specify)				Total Condi- ment & Spices				Sugarcane (Gur)	
	Cur- rent	Nor- mal	Cur- rent	Nor- mal	Cur- rent	Nor- mal	Cur- rent	Nor- mal	Cur- rent	Nor- mal
1	108	109	110	111	112	113	114	115	116	117
Bilaspur	—	—	—	—	—	—	367	288	462	445
Chamba	—	—	—	—	—	—	55	60	—	—
Hamirpur	—	—	—	—	—	—	51	67	91	86
Kangra	—	—	—	—	—	—	114	693	1,164	898
Kinnaur	—	—	—	—	—	—	—	—	—	—
Kullu	—	—	—	—	—	—	270	248	—	—
Lahaul & Spiti	—	—	—	—	—	—	—	—	—	—
Mandi	—	—	—	—	—	—	124	221	66	12
Shimla	—	—	—	—	—	—	740	474	—	—
Sirmaur	—	—	—	—	—	—	1,841	1,446	3,952	3,210
Solan	—	—	—	—	—	—	395	337	395	190
Una	—	—	—	—	—	—	16	312	9,170	8,910
H. P. State Total	—	—	—	—	—	—	3,973	4,146	15,300	13,751

District	Non-							
	Mustard		Linseed		Taramira		Soyabean	
	Cur- rent	Nor- mal	Cur- rent	Nor- mal	Cur- rent	Nor- mal	Cur- rent	Nor- mal
1	126	127	128	129	130	131	132	133
Bilaspur	266	219	—	—	76	100	25	19
Chamba	769	712	27	28	—	36	—	—
Hamirpur	123	120	1	2	12	11	—	—
Kangra	1,275	1,233	715	900	49	50	—	30
Kinnaur	6	30	—	—	—	—	—	20
Kullu	543	430	—	—	—	—	—	—
Lahaul & Spiti	30	22	—	—	—	—	—	200
Mandi	99	110	26	30	3	4	623	75
Shimla	480	296	—	—	—	—	21	80
Sirmaur	432	370	1	—	119	137	14	100
Solan	190	200	—	—	634	517	29	5
Una	647	710	4	1	190	180	—	—
H. P. State Total	4,860	4,452	774	961	1,083	1,035	712	529

No. V-B—contd.

Himachal Pradesh in 1997-98

(in M. Tr.)

Crops		Groundnut		Sesamum		Rapeseed	
Total	Food Crops	Current	Normal	Current	Normal	Current	Normal
Current	Normal	Current	Normal	Current	Normal	Current	Normal
118	119	120	121	122	123	124	125
1,16,471	84,963	1	1	79	110	—	—
1,20,805	1,26,720	—	—	19	17	—	—
1,03,244	1,07,669	—	—	19	31	—	—
2,79,749	2,97,821	—	—	2,116	1,850	—	—
8,478	7,079	—	—	—	—	—	—
1,10,855	1,02,617	5	—	1	—	—	—
27,493	38,286	—	—	—	76	—	—
3,01,917	2,83,181	11	7	41	40	—	—
1,24,146	1,56,428	4	—	13	20	—	—
1,52,082	1,42,426	13	29	98	70	—	—
1,07,728	97,755	309	310	119	206	—	—
1,48,746	1,33,594	7	7	170	130	—	—
16,01,714	15,78,539	350	354	2,675	2,550	—	—

Food Crops		Acacia		Tobacco		Tea		Indian Hemp	
Sunflower	Current	Normal	Current	Normal	Current	Normal	Current	Normal	
Current	Normal	Current	Normal	Current	Normal	Current	Normal	Current	Normal
134	135	136	137	138	139	140	141	142	143
—	—	—	—	1	4	—	—	—	—
—	—	—	—	26	20	—	—	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	20	—	—	—	—
—	—	—	—	6	17	—	—	—	—
—	—	—	—	—	13	—	—	—	—
—	—	—	—	12	4	—	—	—	—
—	—	—	—	—	13	—	—	—	—
—	—	—	—	1	3	—	—	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	2	2	—	—	—	—
—	—	—	—	48	76	—	—	—	—

TABLE

Total Out-turn of Principal Crops of

District	Non-Food Crops					
	Opium		San Hemp		Barseem	
	Current	Normal	Current	Normal	Current	Normal
1	144	145	146	147	148	149
Bilaspur	—	—	—	—	—	—
Chamba	—	—	—	—	—	—
Hamirpur	—	—	—	—	—	—
Kangra	—	—	—	—	—	—
Kinnaur	—	—	—	—	—	—
Kullu	—	—	—	—	—	—
Lahaul & Spiti	—	—	—	—	—	—
Mandi	—	—	—	—	—	—
Shimla	—	—	—	—	—	—
Sirinaur	—	—	—	—	—	—
Solan	—	—	—	—	—	—
Una	—	—	—	—	—	—
H. P. State Total	—	—	—	—	—	—

No. V-B—concl'd.

Himachal Pradesh in 1997-98

(in M. Ts.)

Cotton (in Bales of 170 kgm.)							
Desi		American		Total Non-Food Crops		Total Food and Non-Food crops	
Current	Normal	Current	Normal	Current	Normal	Current	Normal
150	151	152	153	154	155	156	157
2	16	—	—	450	469	1,16,921	85,432
—	—	—	—	841	813	1,21,646	1,27,533
2	7	—	—	157	171	1,03,401	1,07,840
20	60	—	—	4,175	4,123	2,83,924	3,01,744
—	—	—	—	6	70	8,490	7,149
—	—	—	—	555	447	1,11,410	1,03,064
—	—	—	—	30	301	27,523	38,587
—	—	—	—	815	270	3,02,732	2,83,451
—	—	—	—	518	399	1,24,664	1,56,827
10	40	—	—	688	749	1,52,770	1,43,175
9	12	—	—	1,290	1,250	1,09,012	99,005
2	20	—	—	1,022	1,050	1,49,768	34,644
45	155	—	—	10,547	10,112	16,12,261	15,88,651
(264 Bales)							

TABLE

Farm Harvest Prices during 1997-98 of

District	Rice		Wheat		Maize		Bajra	
	Current year	Last year	Current year	Last year	Current year	Last year	Current year	Last year
	1	2	3	4	5	6	7	8
Bilaspur	547	498	512	493	453	463	—	—
Chamba	550	512	548	—	501	428	—	—
Hamirpur	—	571	453	482	446	—	—	—
Kangra	—	523	524	418	430	383	—	—
Kinnaur	—	—	629	592	556	492	—	—
Kullu	633	512	550	522	500	—	—	—
Lahaul & Spiti	—	—	471	433	455	440	—	—
Mandi	635	573	545	465	477	415	—	—
Shimla	553	528	558	507	491	479	—	—
Sirmaur	664	663	548	554	475	490	475	473
Solan	593	604	605	605	531	490	800	—
Una	558	490	525	525	487	455	—	—
State Average	529	548	539	508	484	453	638	473

District	Kutth		Masur		Peas		Gram	
	Current year	Last year	Current year	Last year	Current year	Last year	Current year	Last year
	20	21	22	23	24	25	26	27
Bilaspur	—	2,200	—	1,917	—	1,663	—	—
Chamba	—	1,750	—	N.A.	—	1,617	—	—
Hamirpur	—	1,020	—	1,763	—	—	—	—
Kangra	—	—	—	—	—	—	—	—
Kinnaur	—	—	—	—	—	1,310	—	—
Kullu	—	—	—	—	—	—	—	—
Lahaul & Spiti	—	1,441	—	1,677	—	1483	—	—
Mandi	—	1,950	—	—	—	—	—	—
Shimla	—	—	—	—	—	—	—	—
Sirmaur	—	1,511	—	1,267	—	1,338	—	—
Solan	—	1,838	—	1,818	—	1,067	—	—
Una	—	1,333	—	1,733	—	1,200	—	—
State Average	—	1,630	—	1,696	—	1,383	—	—

Principal Crops at certain Centres in Himachal Pradesh

(In Rs./Qtl.)

Current year	Last year	Barley		Gram		Moong		Arhar		Mash	
		Current year	Last year	Current year	Last year	Current year	Last year	Current year	Last year	Current year	Last year
		10	11	12	13	14	15	16	17	18	19
550	463	—	1,511	—	—	—	—	2,100	—	—	1,881
439	—	1,500	—	—	3,000	—	—	—	—	—	2,973
515	515	1,667	1,559	—	—	—	—	—	—	—	2,100
439	333	1,557	1,213	—	—	—	—	—	—	—	1,450
524	427	—	—	—	—	—	—	—	—	—	2,100
460	387	1,800	1,550	—	—	—	—	—	—	—	—
596	583	—	—	—	—	—	—	—	—	—	2,092
515	458	1,648	1,306	—	1,840	—	—	—	—	—	2,500
508	478	1,600	1,467	—	—	—	—	—	—	—	1,978
450	419	1,507	1,383	—	—	—	—	—	—	—	1,978
560	560	1,600	1,600	—	2,200	—	—	1,325	—	—	2,136
525	550	—	1,300	—	2,022	—	—	—	—	—	2,133
507	470	1,612	1,432	—	2,265	—	—	1,713	—	—	2,133

Current year	Last year	Ginger		Pepper		Chillies		Garlic		Coriander	
		Current year	Last year	Current year	Last year	Current year	Last year	Current year	Last year	Current year	Last year
		28	29	30	31	32	33	34	35	36	37
—	1,550	—	—	—	3,834	—	1,333	—	—	—	—
—	—	—	—	4,000	6,000	—	N.A.	—	—	N.A.	—
1,493	—	—	—	3,888	6,300	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	3,400	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
1,858	1,700	—	—	4,145	4,600	—	2,111	—	—	—	2,814
—	1,200	—	—	—	3,000	—	—	—	—	—	—
1,539	1,689	—	—	—	3,662	—	—	—	—	—	—
1,667	1,704	—	—	3,102	3,833	—	889	—	—	—	2,817
—	—	—	—	4,300	5,750	—	1,467	—	—	—	1,300
—	—	—	—	4,191	—	—	—	—	—	—	—
1,639	1,569	—	—	3,912	4,487	—	1,450	—	—	—	2,310

TABLE

Farm Harvest Prices during 1997-98 of

District	Turmeric		Zeera		Apple		Mango		Orange	
	Current year	Last year	Current year	Last year	Current year	Last year	Current year	Last year	Current year	Last year
1	38	39	40	41	42	43	44	45	46	47
Bilaspur	—	7,600	—	—	—	—	—	—	—	—
Chamba	—	—	—	—	—	—	—	—	—	—
Hamirpur	—	2,640	—	—	—	—	—	—	—	—
Kangra	—	—	—	—	—	—	—	—	—	—
Kinnaur	—	—	—	—	—	—	—	—	—	—
Kullu	—	—	—	—	—	—	—	—	—	—
Lahaul & Spiti	—	3,650	—	—	—	—	—	—	—	—
Mandi	—	—	—	—	—	—	—	—	—	—
Shimla	—	—	—	—	—	—	—	—	—	—
Sirmaur	—	1,275	—	—	—	—	—	—	—	—
Solan	—	2,000	—	—	—	—	—	—	—	—
Una	—	—	—	—	—	—	—	—	—	—
State Average ..	—	3,433	—	—	—	—	—	—	—	—

District	Almonds		Chilgoza		Walnut		Potato		Tomato	
	Current year	Last year	Current year	Last year	Current year	Last year	Current year	Last year	Current year	Last year
1	58	59	60	61	62	63	64	65	66	67
Bilaspur	—	—	—	—	—	—	—	267	—	1,000
Chamba	—	—	—	—	—	—	—	—	—	—
Hamirpur	—	—	—	—	—	—	—	—	—	—
Kangra	—	—	—	—	—	—	—	—	—	—
Kinnaur	—	—	—	—	—	—	—	—	—	—
Kullu	—	—	—	—	—	—	—	—	—	—
Lahaul & Spiti	—	—	—	—	—	—	—	—	—	—
Mandi	—	—	—	—	—	—	—	533	—	—
Shimla	—	—	—	—	—	—	—	—	—	—
Sirmaur	—	—	—	—	—	—	—	—	—	—
Solan	—	—	—	—	—	—	—	400	—	—
Una	—	—	—	—	—	—	—	231	—	—
State Average ..	—	—	—	—	—	—	—	358	—	1,000

No. VI—contd.

Principal Crops of certain Centres in Himachal Pradesh

(In Rs./Qtl.)

District	Peaches		Pears		Lichi		Plum		Lemon	
	Current year	Last year	Current year	Last year	Current year	Last year	Current year	Last year	Current year	Last year
1	48	49	50	51	52	53	54	55	56	57
Bilaspur	—	—	—	—	—	—	—	—	—	—
Chamba	—	—	—	—	—	—	—	—	—	—
Hamirpur	—	—	—	—	—	—	—	—	—	—
Kangra	—	—	—	—	—	—	—	—	—	—
Kinnaur	—	—	—	—	—	—	—	—	—	—
Kullu	—	—	—	—	—	—	—	—	—	—
Lahaul & Spiti	—	—	—	—	—	—	—	—	—	—
Mandi	—	—	—	—	—	—	—	—	—	—
Shimla	—	—	—	—	—	—	—	—	—	—
Sirmaur	—	—	—	—	—	—	—	—	—	—
Solan	—	—	—	—	—	—	—	—	—	—
Una	—	—	—	—	—	—	—	—	—	—
State Average ..	—	—	—	—	—	—	—	—	—	—

District	Cauliflower		Brinjal		Lady finger		Sugar Raw		Groundnut	
	Current year	Last year	Current year	Last year	Current year	Last year	Current year	Last year	Current year	Last year
1	68	69	70	71	72	73	74	75	76	77
Bilaspur	—	—	—	—	—	—	—	—	—	—
Chamba	—	—	—	—	—	—	—	—	—	—
Hamirpur	—	—	—	—	—	—	—	—	—	—
Kangra	—	—	—	—	—	—	—	—	—	—
Kinnaur	—	—	—	—	—	—	—	—	—	—
Kullu	—	—	—	—	—	—	—	—	—	—
Lahaul & Spiti	—	—	—	—	—	—	—	—	—	—
Mandi	—	—	—	—	—	—	—	—	—	—
Shimla	—	—	—	—	—	—	—	—	—	—
Sirmaur	—	—	—	—	—	—	—	—	1,950	1,900
Solan	—	—	—	—	—	1,280	—	1,133	1,600	1,650
Una	—	—	—	300	—	400	—	—	2,150	2,050
State Average ..	—	—	—	300	—	840	—	1,133	1,900	1,867

TABLE

Farm Harvest Prices during 1997-98 of

District	Casterseed		Linseed	
	Current year	Last year	Current year	Last year
1	78	79	80	81
Bilaspur	—	—	—	2,500
Chamba	—	—	—	—
Hamirpur	—	—	—	2,252
Kangra	—	—	1,312	1,275
Kinnaur	—	—	—	—
Kullu	—	—	—	—
Lahaul & Spiti	—	—	—	—
Mandi	—	—	1,538	1,425
Shimla	—	—	—	—
Sirmaur	—	—	2,000	2,000
Solan	—	—	—	2,000
Una	—	—	—	1,950
State Average	—	—	1,617	1,914

District	Soyabean		Sunflower	
	Current year	Last year	Current year	Last year
1	88	89	90	91
Bilaspur	—	1,500	—	—
Chamba	—	—	—	—
Hamirpur	—	—	—	—
Kangra	—	—	—	—
Kinnaur	—	—	—	—
Kullu	—	—	—	—
Lahaul & Spiti	—	—	—	—
Mandi	—	—	—	—
Shimla	—	—	—	1,035
Sirmaur	—	—	—	—
Solan	—	—	—	—
Una	—	—	—	—
State Average	—	1,500	—	1,035

No. VI—concl'd.

Principal Crops of certain Centres in Himachal Pradesh

(In Rs./Qtl.)

Current year	Last year	Rape		Mustard		Sesamum	
		Current year	Last year	Current year	Last year	Current year	Last year
82	83	84	85	86	87	88	89
—	—	2,400	1,633	—	—	—	1,850
—	—	1,731	1,500	2,600	2,500	—	—
—	—	—	1,510	2,465	—	—	—
—	—	1,760	1,578	1,925	—	—	—
—	—	—	—	—	—	—	—
—	—	2,200	1,050	—	—	—	—
—	—	1,725	1,825	—	—	—	—
—	—	1,646	1,504	3,128	3,121	—	—
—	—	1,850	1,667	—	—	—	1,900
—	—	1,811	1,461	1,990	1,900	—	—
—	1,050	—	1,250	2,067	1,933	—	—
—	—	—	1,362	2,475	2,463	—	—
—	1,050	1,890	1,510	2,379	2,238	—	—

Cotton		Tea		Tobacco	
Current year	Last year	Current year	Last year	Current year	Last year
92	93	94	95	96	97
—	—	—	—	—	1,050
2,500	—	—	—	1,100	850
—	—	—	—	—	—
—	—	—	—	—	—
—	—	—	—	—	—
—	—	—	—	—	—
—	—	—	—	—	—
3,353	3,050	—	—	907	800
2,000	2,000	—	—	1,090	1,000
2,617	2,833	—	—	—	500
—	—	—	—	—	—
2,643	2,627	—	—	1,032	840

TABLE
Wages of Agriculture Labour in each

District	July						August			
	Normal No. of Working hrs.						Normal No.			
	Skilled labour						Skilled labour			
	Car-penters	Black-smiths	Cobblers	Field labour	Other Agriculture labour	Herdsmen	Car-penters	Black-smiths	Cobblers	
1	2	3	4	5	6	7	8	9	10	
Bilaspur	81.00	79.00	69.00	57.00	57.00	50.00	84.00	81.00	69.00	
Chamba	80.00	60.00	—	50.00	50.00	50.00	80.00	60.00	—	
Hamirpur	83.00	83.00	—	46.00	—	46.00	83.00	83.00	—	
Kangra	90.00	80.00	80.00	85.00	45.00	45.00	90.00	80.00	80.00	
Kinnaur	120.00	120.00	—	70.00	70.00	70.00	120.00	120.00	—	
Kullu	100.00	—	—	56.00	52.00	—	100.00	—	—	
Lahaul	100.00	100.00	—	70.00	70.00	—	100.00	100.00	—	
& Spiti.										
Mandi	82.00	77.00	67.00	62.00	43.00	42.00	82.00	77.00	67.00	
Shimla	115.00	103.00	106.00	72.00	67.00	62.00	117.00	104.00	107.00	
Sirmaur	94.00	84.00	109.00	49.00	49.00	50.00	110.00	108.00	100.00	
Solan	85.00	83.00	83.00	67.00	67.00	67.00	85.00	83.00	83.00	
Una	58.00	58.00	58.00	58.00	46.00	46.00	58.00	58.00	58.00	
State Average	91.00	77.00	80.00	62.00	56.00	53.00	92.00	87.00	81.00	

District	October						November			
	Normal No. of working hrs.						Normal No. of			
	Skilled labour						Skilled labour			
	Carpen- ters	Black- smiths	Cobblers	Field labour	Other Agricul- ture labour	Herdsmen	Carpen- ters	Black- smiths	Cobblers	
1	20	21	22	23	24	25	26	27	28	
Bilaspur	81.00	79.00	69.00	57.00	57.00	50.00	84.00	82.00	69.00	
Chamba	80.00	60.00	—	50.00	50.00	50.00	80.00	60.00	—	
Hamirpur	83.00	83.00	—	46.00	—	46.00	83.00	83.00	—	
Kangra	90.00	80.00	80.00	85.00	45.00	45.00	90.00	80.00	80.00	
Kinnaur	120.00	120.00	—	70.00	70.00	70.00	120.00	120.00	—	
Kullu	100.00	—	—	56.00	53.00	—	100.00	—	—	
Lahaul	100.00	120.00	—	70.00	70.00	70.00	120.00	120.00	—	
& Spiti.										
Mandi	84.00	77.00	67.00	62.00	43.00	42.00	84.00	77.00	67.00	
Shimla	117.00	104.00	107.00	75.00	69.00	63.00	121.00	108.00	111.00	
Sirmaur	110.00	108.00	100.00	63.00	51.00	50.00	110.00	108.00	100.00	
Solan	85.00	83.00	83.00	67.00	67.00	67.00	85.00	83.00	83.00	
Una	58.00	58.00	58.00	58.00	46.00	46.00	58.00	58.00	58.00	
State Average	94.00	88.00	81.00	63.00	56.00	54.00	95.00	89.00	80.00	

No. VII

District of Himachal Pradesh (State) in 1997-98

(Wages in Rupees/per day)

of working hrs.	September								
	Normal No of working hrs.								
	Skilled labour								
	Field labour	Other Agriculture labour	Herdsmen	Car-penters	Black-smiths	Cobblers	Field labour	Other Agriculture labour	Herdsmen
11	12	13	14	15	16	17	18	19	
59.00	59.00	60.00	81.00	72.00	69.00	57.00	57.00	50.00	
50.00	50.00	50.00	80.00	60.00	—	50.00	50.00	50.00	
46.00	—	46.00	83.00	83.00	—	46.00	—	46.00	
85.00	45.00	45.00	90.00	80.00	80.00	85.00	45.00	45.00	
70.00	70.00	70.00	120.00	120.00	—	70.00	70.00	70.00	
56.00	53.00	—	100.00	—	—	56.00	53.00	—	
70.00	70.00	—	100.00	100.00	—	70.00	70.00	—	
62.00	43.00	42.00	82.00	77.00	67.00	62.00	43.00	42.00	
75.00	69.00	63.00	117.00	104.00	107.00	75.00	69.00	63.00	
63.00	51.00	50.00	110.00	108.00	100.00	63.00	51.00	50.00	
67.00	67.00	67.00	85.00	83.00	83.00	67.00	67.00	67.00	
58.00	46.00	46.00	58.00	58.00	58.00	58.00	46.00	46.00	
63.00	57.00	54.00	92.00	87.00	81.00	63.00	56.00	53.00	

working hrs.	December									
	Normal No. of working hrs.									
	Skilled labour									
	Field labour	Other Agriculture labour	Herdsmen	Car-penters	Black-smiths	Cobblers	Field labour	Other Agriculture labour	Herdsmen	
29	30	31	32	33	34	35	36	37		
57.00	57.00	50.00	86.00	84.00	69.00	57.00	57.00	50.00		
50.00	50.00	50.00	80.00	60.00	—	50.00	50.00	50.00		
46.00	—	46.00	83.00	83.00	—	46.00	—	46.00		
85.00	45.00	45.00	90.00	80.00	80.00	85.00	45.00	45.00		
70.00	70.00	70.00	120.00	120.00	—	70.00	70.00	70.00		
56.00	53.00	—	100.00	—	—	56.00	53.00	—		
70.00	70.00	70.00	120.00	120.00	—	70.00	70.00	70.00		
62.00	43.00	42.00	85.00	77.00	67.00	63.00	44.00	44.00		
78.00	71.00	63.00	121.00	108.00	111.00	78.00	71.00	63.00		
63.00	51.00	50.00	110.00	108.00	100.00	63.00	51.00	50.00		
67.00	67.00	67.00	85.00	83.00	83.00	67.00	67.00	67.00		
58.00	46.00	46.00	58.00	58.00	58.00	58.00	46.00	46.00		
68.00	55.00	53.00	94.00	89.00	80.00	68.00	55.00	53.00		

TABLE

Wages of Agriculture Labour in each

District	January						February		
	Normal No. of working hrs.						Normal No. of		
	Skilled labour						Skilled labour		
	Car-penters	Black-smiths	Cobblers	Field labour	Other Agricultural labour	Herdsmen	Car-penters	Black-smiths	Cobblers
1	38	39	40	41	42	43	44	45	46
Bilaspur	86.00	84.00	64.00	54.00	54.00	50.00	86.00	84.00	63.00
Chamba	80.00	60.00	—	50.00	50.00	50.00	80.00	60.00	—
Hamirpur	83.00	83.00	—	46.00	—	46.00	83.00	83.00	—
Kangra	90.00	80.00	80.00	85.00	45.00	45.00	90.00	80.00	80.00
Kinnaur	120.00	120.00	—	70.00	70.00	70.00	120.00	120.00	—
Kullu	100.00	—	—	60.00	60.00	—	100.00	—	—
Lahaul & Spiti, Mandi	120.00	120.00	—	60.00	60.00	—	120.00	120.00	—
Shimla	85.00	77.00	68.00	63.00	44.00	44.00	85.00	77.00	68.00
Sirmaur	121.00	108.00	171.00	78.00	71.00	63.00	126.00	113.00	113.00
Solan	110.00	108.00	100.00	63.00	51.00	50.00	110.00	108.00	100.00
Una	85.00	83.00	83.00	67.00	67.00	57.00	85.00	83.00	83.00
State Average	58.00	58.00	58.00	58.00	46.00	46.00	58.00	58.00	58.00

District	April						May		
	Normal No. of working hrs.						Normal No. of		
	Skilled labour						Skilled labour		
	Car-penters	Black-smiths	Cobblers	Field labour	Other Agricultural labour	Herdsmen	Car-penters	Black-smiths	Cobblers
1	56	57	58	59	60	61	62	63	64
Bilaspur	86.00	84.00	64.00	54.00	54.00	50.00	86.00	84.00	64.00
Chamba	80.00	60.00	—	50.00	50.00	50.00	80.00	60.00	—
Hamirpur	83.00	83.00	—	46.00	—	46.00	83.00	83.00	—
Kangra	90.00	80.00	80.00	85.00	45.00	45.00	90.00	80.00	80.00
Kinnaur	120.00	120.00	—	70.00	70.00	70.00	120.00	120.00	—
Kullu	110.00	—	—	70.00	70.00	—	110.00	—	—
Lahaul & Spiti, Mandi	120.00	120.00	—	70.00	70.00	70.00	120.00	120.00	—
Shimla	85.00	77.00	68.00	63.00	44.00	44.00	85.00	77.00	68.00
Sirmaur	126.00	113.00	113.00	80.00	73.00	64.00	126.00	113.00	113.00
Solan	110.00	108.00	100.00	63.00	51.00	50.00	110.00	108.00	100.00
Una	85.00	83.00	83.00	67.00	67.00	67.00	85.00	83.00	83.00
State Average	58.00	58.00	58.00	58.00	46.00	46.00	58.00	58.00	58.00

No. VII—Concl'd.

District of Himachal Pradesh (State) in 1997-98

(Wages in Rupees/per day)

District	March									
	working hrs.	Normal No. of working hrs.							working hrs.	working hrs.
		Skilled labour								
	Field labour	Other Agricultural labour	Herdsmen	Car-penters	Black-smiths	Cobblers	Field labour	Other Agricultural labour	Herdsmen	
	47	48	49	50	51	52	53	54	55	
Bilaspur	54.00	54.00	50.00	86.00	84.00	64.00	54.00	54.00	50.00	
Chamba	50.00	50.00	50.00	80.00	60.00	—	50.00	50.00	50.00	
Hamirpur	46.00	—	46.00	83.00	83.00	—	46.00	—	46.00	
Kangra	85.00	45.00	45.00	90.00	80.00	80.00	85.00	45.00	45.00	
Kinnaur	70.00	70.00	70.00	120.00	120.00	—	70.00	70.00	70.00	
Kullu	60.00	60.00	—	100.00	—	—	60.00	60.00	—	
Lahaul & Spiti, Mandi	60.00	60.00	—	120.00	120.00	—	60.00	60.00	—	
Shimla	63.00	44.00	44.00	85.00	77.00	68.00	63.00	44.00	44.00	
Sirmaur	80.00	73.00	64.00	126.00	113.00	113.00	80.00	73.00	64.00	
Solan	63.00	51.00	50.00	110.00	108.00	103.00	63.00	51.00	50.00	
Una	67.00	67.00	67.00	85.00	83.00	83.00	67.00	67.00	67.00	
State Average	58.00	46.00	46.00	58.00	58.00	58.00	58.00	46.00	46.00	

District	June									
	working hrs.	Normal No. of working hrs.							working hrs.	working hrs.
		Skilled labour								
	Field labour	Other Agricultural labour	Herdsmen	Car-penters	Black-smiths	Cobblers	Field labour	Other Agricultural labour	Herdsmen	
	65	66	67	68	69	70	71	72	73	
Bilaspur	54.00	54.00	50.00	89.00	86.00	69.00	57.00	57.00	50.00	
Chamba	50.00	50.00	50.00	80.00	60.00	—	50.00	50.00	50.00	
Hamirpur	46.00	—	46.00	83.00	83.00	—	46.00	—	46.00	
Kangra	85.00	45.00	45.00	90.00	80.00	80.00	85.00	45.00	45.00	
Kinnaur	70.00	70.00	70.00	120.00	120.00	—	70.00	70.00	70.00	
Kullu	70.00	70.00	—	110.00	—	—	70.00	70.00	—	
Lahaul & Spiti, Mandi	70.00	70.00	70.00	120.00	120.00	—	70.00	70.00	70.00	
Shimla	63.00	44.00	44.00	85.00	77.00	68.00	63.00	44.00	44.00	
Sirmaur	80.00	73.00	64.00	126.00	115.00	113.00	85.00	76.00	67.00	
Solan	63.00	51.00	50.00	110.00	108.00	100.00	63.00	51.00	50.00	
Una	67.00	67.00	67.00	85.00	83.00	83.00	67.00	67.00	67.00	
State Average	58.00	46.00	46.00	58.00	58.00	58.00	58.00	46.00	46.00	

TABLE No. VIII

(Number of Livestock, Poultry, Agricultural Machinery and Implements
in each District of Himachal Pradesh according to last census as on 1992)

Sub--Schedule I--Live Stock (Cross Bred Cattle) :

Male over 2½ Yrs.	1. Used for breeding only	2,095
	2. Used for work only	52,764
	3. Used both for work and breeding	3,216
	4. Used for neither breeding nor work	844
	5. Total Male over 2½ year	58,919
Female over 2½ Yrs.	6. In Milk	83,591
	7. Dry	28,331
	8. Not yet calved	10,384
	9. Others	2,120
	10. Total Female over 2½ Yrs.	1,24,426
Young Stock Under 1 Yr.	11. Male	14,360
	12. Female	80,848
	13. Total	55,208
1 to 2½ Yrs.	14. Male	11,540
	15. Female	30,300
	16. Total	41,840
Total Male	17.	
Cross Bred		84,819
Total Female	18.	
Cross Bred		1,95,574
Total Cross Bred Cattle	19.	2,80,393
Indigenous Cattle Male over 3 Yrs.	20. Used for breeding only	14,368
	21. Used for work only	7,26,467
	22. Used for both work and breeding	48,526
	23. Used for neither work nor breeding	5,986
	24. Total male over 3 years	7,95,347
Female over 3 years	25. In Milk	3,01,230
	26. Dry	2,34,527
	27. Not yet calved	65,824
	28. Others	13,419
	29. Total Female	6,15,000
Young Stock under 1 Yr.	30. Male	82,277
	31. Female	1,45,952
	32. Total	2,28,229
1 to 3 Yrs.	33. Male	1,13,600
	34. Female	1,32,465
	35. Total	2,46,065
Total Male	36.	9,91,224
Total Female	37.	8,93,417
Total Indigenous Cattle	38.	18,84,641
Total Cattle (Cross Bred & Indigenous),	39.	21,65,034
B--Buffalos		
Male over 3 years	40. Used for breeding only	4,423
	41. Used for work only	2,319
	42. Used both for work and breeding	827
	43. Used for neither breeding nor work	184
	44. Total male	7,753
Female over 3 years	45. In Milk	2,99,909
	46. Dry	1,36,485
	47. Not yet calved	31,604
	48. Others	6,481
	49. Total Female	4,74,479

TABLE VIII--contd.

Young Stock under 1 year	50. Male	17,169
	51. Female	98,323
	52. Total	1,15,492
1 to 3 years	53. Male	8,328
	54. Female	97,497
	55. Total	1,05,825
	56. Total Buffalos (Male and Female) (Cols. 44+49+52+55) Due to update of data.	70,35,549
C--Yaks		
Over 3 years	57. Male	2,791
	58. Female	2,179
	59. Total	4,970
Upto 3 years	60. Male	372
	61. Female	348
	62. Total	720
Total (Male+Female)	63. (Col. 59+62)	5,690
D--Mithuns		
Over 3 years	64. Male	2
	65. Female	4
	66. Total	6
Upto 3 years	67. Male	—
	68. Female	—
	69. Total	—
Total Mithuns (Male & Female).	70.	6
Total Bovines	71. (A+B+C+D)	28,74,279
E--Sheep (Cross Bred)		
1 year and over	72. Male	17,539
	73. Female	34,702
	74. Total	52,241
Under 1 year	75. Male	9,334
	76. Female	10,940
	77. Total	20,274
	78. Total Cross Bred	72,515
Sheep (Indigenous)		
1 year and over	79. Male	1,95,468
	80. Female	5,60,613
	81. Total	7,56,081
Under 1 year	82. Male	1,05,715
	83. Female	1,44,629
	84. Total	2,50,344
	85. Total (Indigenous)	10,06,425
	86. Total Sheep (Cross Bred and Indigenous).	10,78,940
F--Goats		
1 year and above	87. Male	1,79,139
	88. Female	6,67,659
	89. Total	8,37,798
Under 1 year	90. Male	1,13,641
	91. Female	1,66,655
	92. Total	2,80,296
	93. Total Goats	11,18,094
G--Horses and Ponies		
3 years and over	94. Male	6,675
	95. Female	5,247
	96. Total	11,922
Under 3 years	97. Male	927
	98. Female	1,206
	99. Total	2,133
	100. Total Horses and Ponies	14,055

TABLE VIII—contd.

H—Mules			
3 years and over	101. Male		15,399
Under 3 years	102. Female		991
	103. Total		16,390
I—Donkeys			
Upto 4 years	104. Male		3,902
	105. Female		3,620
	106. Total		7,522
Over 4 years	107. Male		—
	108. Female		—
	109. Total		—
	110. Total Donkeys		7,522
J—Camel			
Upto 4 years	111. Male		349
	112. Female		18
	113. Total		367
	114. Total Camel		367
K—Pigs (Cross Bred/Exotic)			
6 months and above	115. Male		451
	116. Female		300
	117. Total		751
Below 6 months	118. Male		263
	119. Female		263
	120. Total		526
	121. Total (Cross Bred/Exotic)		1,277
6 months and above Indigenous.	122. Male		2,637
	123. Female		1,421
	124. Total		4,058
Below 6 months	125. Male		1,019
	126. Female		932
	127. Total		1,951
	128. Total Indigenous (Pigs)		6,009
	129. Total (Indigenous and cross bred)		7,286
L—Dogs			
Domestic	130. Male		1,07,083
	131. Female		21,417
	132. Total		1,28,500
Others	133. Male		10,948
	134. Female		6,323
	135. Total		17,271
	136. Total Dogs		1,45,771
Sub-Schedule No. II—Poultry :			
Fowls :			
Cocks	1. Desi		89,036
	2. Improved		49,874
	3. Total		1,38,910
Hens	4. Desi		1,86,187
	5. Improved		1,86,741
	6. Total		3,72,928
(Chickens (Below 5 months)	7. For Eggs		33,676
	Desi		19,865
	Improved		54,620
	8. For Meat		1,01,850
	9. For Eggs		2,10,011
	10. For Meat		7,21,849
	11. Total		—
	12. Total Fowls		—

TABLE VIII—contd.

Drakes		13. Desi	45
		14. Improved	22
		15. Total	67
Ducks		16. Desi	28
		17. Improved	45
		18. Total	73
Duckling (below 6 months)		19. Desi	4
		20. Improved	2
		21. Total	6
Others i.e. Turkeys Quails and guinea fowls etc.			747
A. Sub-Schedule No. III—Agricultural Implements and Machinery			
Hand Operated Implements			
	1. Seed-cum-fertilizer drill		4,349
	2. Seed drill		4,932
	3. Chaff Cutter		1,14,041
	4. Wheel Hoe		19,66,840
	5. Sprayer and Duster		32,948
	6. Rice Planter		1,118
	7. Thresher		2,692
Animal Operated Implements			
	8. Wooden Ploughs		5,25,973
	9. Soil stirring Steel Ploughs		1,42,935
	10. Soil turning Steel Ploughs		41,441
	11. Triphali (Cultivator)		47,045
	12. Disc harrow		1,52,315
	13. Seed-cum-fertilizer drill		637
	14. Levelling karah (leveller)		2,59,560
	15. Wet land puddler		70,928
	16. Olpad animal operated thresher		464
	17. Animal Cart		1,128
	18. Sugarcane crusher		1,361
	19. Ghanis		82
	20. Persian wheel		234
	21. Seed Drill		2,548
Plant protection Equipment, Engine etc.			
	22. Power operated sprayer/duster		1,791
	23. Diesel Engine Pump set		1,299
	24. Electric Pump set		1,222
C—Tractor and other power operated implements.			
	25. Agricultural power tiller		901
	26. Agricultural Tractors		2,565
	27. Mould board plough		2,080
	28. Disc harrow		2,384
	29. Seed-cum-fertilizer drill		340
	30. Planter		95
	31. Leveller		754
	32. Potato diggers		3,682
Combine harvester			
	33. Trailer		324
	34. Tractor operated		—
	35. Self propelled		—
Power Operated Thresher			
	36. Paddy		1,925
	37. Wheat		12,700
	38. Multi Crops		1,035
	39. Maize Sheller		3,561
	40. Chaff cutter		7,827
	41. Sugarcane crusher		517
	42. Reaper		3,933
D—Equipment for Livestock and Poultry.			
	43. Incubators		77
	44. Breeders		41
	45. Cages		7,358
	46. Feeding Hoppers/troughs		3,165

TABLE

Sub-Schedule IV—Fishery

Type of Fishing activity undertaken in

District	Total Number of Members		
	Male	Female	Children
1	2	3	4
Bilaspur	377	139	274
Chamba	11	11	15
Hamirpur	36	32	67
Kangra	471	297	558
Kinnaur	—	—	—
Kullu	—	—	—
Lahaul & Spiti	—	—	—
Mandi	324	286	424
Shimla	—	—	—
Sirmaur	13	12	19
Solan	—	—	—
Una	92	59	95
State Total	1,324	836	1,452

Trawlers

District	Trawlers							
	Upto 7.5				7.6 to 10.0			
	Upto 25 H.P.	26 to 75 H.P.	76 to 100 H.P.	Above 100 H.P.	Upto 25 H.P.	26 to 75 H.P.	76 to 100 H.P.	Above 100 H.P.
1	12	13	14	15	16	17	18	19
Bilaspur	—	—	—	—	—	—	—	—
Chamba	—	—	—	—	—	—	—	—
Hamirpur	1	—	—	—	—	—	—	—
Kangra	26	27	22	12	5	3	—	—
Kinnaur	—	—	—	—	—	—	—	—
Kullu	—	—	—	—	—	—	—	—
Lahaul & Spiti	—	—	—	—	—	—	—	—
Mandi	—	—	—	—	—	—	—	—
Shimla	—	—	—	—	—	—	—	—
Sirmaur	—	—	—	—	—	—	—	—
Solan	—	—	—	—	—	—	—	—
Una	—	—	—	—	7	—	—	—
State Total	27	27	22	12	12	3	—	—

No. VIII—contd.

land/marine including Estuarine

Number of family members engaged in different fishers' activities		Inland water area (in hect.) owned/leased in by fisherman household				
Engaged in actual operation of fishing		Engaged in other occupations				
Full time	Part time	Marketing of fish	Repairing of nets	Processing of fish	Others	Leased in
5	6	7	8	9	10	11
117	69	90	73	1	13	—
—	11	6	6	2	—	—
—	7	6	6	—	2	—
87	176	31	31	4	—	226
—	—	—	—	—	—	—
—	—	—	—	—	—	—
—	26	2	18	—	—	1
—	—	—	—	—	—	—
—	22	8	2	—	—	200
—	—	—	—	—	—	—
—	2	32	4	—	—	177
204	313	175	140	7	15	604

Size in Metres

Trawlers							
10.1 to 17.5				above 17.5			
Upto 25 H.P.	26 to 75 H.P.	76 to 100 H.P.	above 100 H.P.	Upto 25 H.P.	26 to 75 H.P.	76 to 100 H.P.	above 100 H.P.
20	21	22	23	24	25	26	27
—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—
3	2	1	2	1	180	—	—
—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—
35	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—
—	—	7	—	—	—	—	—
38	2	8	2	1	180	—	—

TABLE

Number of fishing craft owned

District	Gill-nets							
	Upto 7.5				7.6 to 10.0			
	Upto 25	26 to 75	76 to 100	Above 100	Upto 25	26 to 75	76 to 100	Above 100
	H.P.	H.P.	H.P.	H.P.	H.P.	H.P.	H.P.	H.P.
1	28	29	30	31	32	33	34	35
Bilaspur	—	—	—	—	—	—	—	—
Chamba	—	—	—	—	—	—	—	—
Hamirpur	—	—	—	—	—	—	—	—
Kangra	—	—	—	—	—	—	—	—
Kinnaur	—	—	—	—	—	—	—	—
Kullu	—	—	—	—	—	—	—	—
Lahaul & Spiti	—	—	—	—	—	—	—	—
Mandi	—	—	—	—	—	—	—	—
Shimla	—	—	—	—	—	—	—	—
Sirmaur	—	—	—	—	—	—	—	—
Solan	—	—	—	—	—	—	—	—
Una	—	—	—	—	—	—	—	—
State Total	..	—	—	—	—	—	—	—

District	Liners							
	Upto 7.5				7.6 to 10.0			
	Upto 25	26 to 75	76 to 100	Above 100	Upto 25	26 to 75	76 to 100	Above 100
	H.P.	H.P.	H.P.	H.P.	H.P.	H.P.	H.P.	H.P.
1	44	45	46	47	48	49	50	51
Bilaspur	—	—	—	—	—	—	—	—
Chamba	—	—	—	—	—	—	—	—
Hamirpur	—	—	—	—	—	—	—	—
Kangra	—	—	—	—	—	—	—	—
Kinnaur	—	—	—	—	—	—	—	—
Kullu	—	—	—	—	—	—	—	—
Lahaul & Spiti	—	—	—	—	—	—	—	—
Mandi	—	—	—	—	—	—	—	—
Shimla	—	—	—	—	—	—	—	—
Sirmaur	—	—	—	—	—	—	—	—
Solan	—	—	—	—	—	—	—	—
Una	—	—	—	—	—	—	—	—
State Total	..	—	—	—	—	—	—	—

No. VIII—contd.

(Mechanised boats) Size in metres

District	(Size in M.)							
	10.1 to 17.5				above 17.5			
	Upto 25	26 to 75	76 to 100	Above 100	Upto 25	26 to 75	76 to 100	Above 100
	H.P.	H.P.	H.P.	H.P.	H.P.	H.P.	H.P.	H.P.
1	36	37	38	39	40	41	42	43
Bilaspur	—	—	—	—	—	—	—	—
Chamba	—	—	—	—	—	—	—	—
Hamirpur	—	—	—	—	—	—	—	—
Kangra	—	—	—	—	—	—	—	—
Kinnaur	—	—	—	—	—	—	—	—
Kullu	—	—	—	—	—	—	—	—
Lahaul & Spiti	—	—	—	—	—	—	—	—
Mandi	—	—	—	—	—	—	—	—
Shimla	—	—	—	—	—	—	—	—
Sirmaur	—	—	—	—	—	—	—	—
Solan	—	—	—	—	—	—	—	—
Una	—	—	—	—	—	—	—	—
State Total	..	1	—	—	—	—	—	—

District	(Size in M.)							
	10.1 to 17.5				Above 17.5			
	Upto 25	26 to 75	76 to 100	Above 100	Upto 25	26 to 75	76 to 100	Above 100
	H.P.	H.P.	H.P.	H.P.	H.P.	H.P.	H.P.	H.P.
1	52	53	54	55	56	57	58	59
Bilaspur	—	—	—	—	—	—	—	—
Chamba	—	—	—	—	—	—	—	—
Hamirpur	—	—	—	—	—	—	—	—
Kangra	—	—	—	—	—	—	—	—
Kinnaur	—	—	—	—	—	—	—	—
Kullu	—	—	—	—	—	—	—	—
Lahaul & Spiti	—	—	—	—	—	—	—	—
Mandi	—	—	—	—	—	—	—	—
Shimla	—	—	—	—	—	—	—	—
Sirmaur	—	—	—	—	—	—	—	—
Solan	—	—	—	—	—	—	—	—
Una	—	—	—	—	—	—	—	—
State Total	..	—	—	—	—	—	—	—

TABLE

District	Seiners								
	Upto 7.5			7.6 to 10.0			10.1 to		
	Upto 25 H.P.	26 to 75 H.P.	76 to 100 H.P.	Above 100 H.P.	Upto 25 H.P.	26 to 75 H.P.	76 to 100 H.P.	Above 100 H.P.	Upto 25 H.P.
1	60	61	62	63	64	65	66	67	68
Bilaspur	—	—	—	—	—	—	—	—	—
Chamba	—	—	—	—	—	—	—	—	—
Hamirpur	—	—	—	—	—	—	—	—	—
Kangra	—	—	—	—	—	—	—	—	—
Kinnaur	—	—	—	—	—	—	—	—	—
Kullu	—	—	—	—	—	—	—	—	—
Lahaul & Spiti	—	—	—	—	—	—	—	—	—
Mandi	—	—	—	—	—	—	—	—	—
Shimla	—	—	—	—	—	—	—	—	—
Sirmaur	—	—	—	—	—	—	—	—	—
Solan	—	—	—	—	—	—	—	—	—
Una	—	—	—	—	—	—	—	—	—
State Total	—	—	—	—	—	—	—	—	—

District	Traditional								
	Beach Landing Crafts	Motorised			Non-Motorised				
		(a)	(b)	(c)	(d)	(a)	(b)	(c)	(d)
1	76	77	78	79	80	81	82	83	84
Bilaspur	—	—	—	7	16	—	—	182	43
Chamba	—	—	—	—	—	—	—	—	—
Hamirpur	—	—	—	—	—	—	—	—	—
Kangra	—	—	—	—	—	—	2	94	—
Kinnaur	—	—	—	—	—	—	—	—	—
Kullu	—	—	—	—	—	—	—	—	—
Lahaul & Spiti	—	—	—	—	—	—	—	—	—
Mandi	—	—	—	—	—	—	—	—	—
Shimla	—	—	—	—	—	—	—	—	—
Sirmaur	—	—	—	—	—	—	—	—	—
Solan	—	—	—	—	—	—	—	—	—
Una	—	—	—	—	—	—	26	23	—
State Total:	—	—	—	7	16	—	28	299	43

NO. VIII—concl'd.

District	(Size in M.)						
	to 17.5			Above 17.5			
	26 to 75 H.P.	76 to 100 H.P.	Above 100 H.P.	Upto 25 H.P.	26 to 75 H.P.	76 to 100 H.P.	Above 100 H.P.
1	69	70	71	72	73	74	75
Bilaspur	—	—	—	—	—	—	—
Chamba	—	—	—	—	—	—	—
Hamirpur	—	—	—	—	—	—	—
Kangra	—	—	—	—	—	—	—
Kinnaur	—	—	—	—	—	—	—
Kullu	—	—	—	—	—	—	—
Lahaul & Spiti	—	—	—	—	—	—	—
Mandi	—	—	—	—	—	—	—
Shimla	—	—	—	—	—	—	—
Sirmaur	—	—	—	—	—	—	—
Solan	—	—	—	—	—	—	—
Una	—	—	—	—	—	—	—
State Total	—	—	—	—	—	—	—

District	Crafts				
	Number of Fishing Gears				
	(a)	(b)	(c)	(d)	(e)
1	Trawl nets	Gill nets	Drag nets	Cast nets	Others
1	85	86	87	88	89
Bilaspur	—	—	—	—	—
Chamba	—	—	—	—	—
Hamirpur	—	—	—	—	—
Kangra	—	—	—	—	—
Kinnaur	—	—	—	—	—
Kullu	—	—	—	—	—
Lahaul & Spiti	—	—	—	—	—
Mandi	—	—	—	—	—
Shimla	—	—	—	—	—
Sirmaur	—	—	—	—	—
Solan	—	—	—	—	—
Una	—	—	—	—	—
State Total:	47	—	75	—	—
State Total:	271	531	566	115	—